

This pricing supplement, which is not complete and may be changed, relates to an effective Registration Statement under the Securities Act of 1933. This pricing supplement and the accompanying product supplement, prospectus supplement and prospectus are not an offer to sell these Notes in any country or jurisdiction where such an offer would not be permitted.

<p>BofA Finance LLC \$--</p> <p>Contingent Income</p> <p>Auto-Callable Yield Notes</p> <p>Fully and Unconditionally Guaranteed by Bank of America Corporation</p>	<p>Preliminary Pricing Supplement - Subject to Completion (To Prospectus dated December 30, 2022, Series A Prospectus Supplement dated December 30, 2022 and Product Supplement EQUITY-1 dated December 30, 2022)</p> <p>Filed Pursuant to Rule 424(b)(2) Registration Statement Nos. 333-268718 and 333-268718-01</p> <p>March 12, 2025</p>
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Linked to the Least Performing of the Nasdaq-100[®] Technology Sector Index, the VanEck[®] Gold Miners ETF and the VanEck[®] Semiconductor ETF

- The Contingent Income Auto-Callable Yield Notes Linked to the Least Performing of the Nasdaq-100[®] Technology Sector Index, the VanEck[®] Gold Miners ETF and the VanEck[®] Semiconductor ETF, due March 23, 2028 (the "Notes") are expected to price on March 18, 2025 and expected to issue on March 21, 2025.
- Approximate 3 year term if not called prior to maturity.
- Payments on the Notes will depend on the individual performance of the Nasdaq-100[®] Technology Sector Index, the VanEck[®] Gold Miners ETF and the VanEck[®] Semiconductor ETF (each an "Underlying").
- Contingent coupon rate of 12.25% per annum (1.0209% per month) payable monthly if the Observation Value of **each** Underlying on the applicable Observation Date is greater than or equal to 70.00% of its Starting Value, assuming the Notes have not been called.
- Beginning with the September 18, 2025 Call Observation Date, automatically callable monthly for an amount equal to the principal amount plus the relevant Contingent Coupon Payment, if the Observation Value of each Underlying is greater than or equal to 100.00% of its Starting Value on any Call Observation Date.
- Assuming the Notes are not called prior to maturity, if **any** Underlying declines by more than 40% from its Starting Value, at maturity your investment will be subject to 1:1 downside exposure to decreases in the value of the Least Performing Underlying, with up to 100% of the principal at risk; otherwise, at maturity, you will receive the principal amount. At maturity you will also receive a final Contingent Coupon Payment if the Observation Value of **each** Underlying on the final Observation Date is greater than or equal to 70.00% of its Starting Value.
- All payments on the Notes are subject to the credit risk of BofA Finance LLC ("BofA Finance" or the "Issuer"), as issuer of the Notes, and Bank of America Corporation ("BAC" or the "Guarantor"), as guarantor of the Notes.
- The Notes will not be listed on any securities exchange.
- CUSIP No. 09711GDV4.

The initial estimated value of the Notes as of the pricing date is expected to be between \$910.00 and \$960.00 per \$1,000.00 in principal amount of Notes, which is less than the public offering price listed below. The actual value of your Notes at any time will reflect many factors and cannot be predicted with accuracy. See "Risk Factors" beginning on page PS-11 of this pricing supplement and "Structuring the Notes" on page PS-34 of this pricing supplement for additional information.

There are important differences between the Notes and a conventional debt security. Potential purchasers of the Notes should consider the information in "Risk Factors" beginning on page PS-11 of this pricing supplement, page PS-5 of the accompanying product supplement, page S-6 of the accompanying prospectus supplement, and page 7 of the accompanying prospectus.

None of the Securities and Exchange Commission (the "SEC"), any state securities commission, or any other regulatory body has approved or disapproved of these securities or determined if this pricing supplement and the accompanying product supplement, prospectus supplement and prospectus is truthful or complete. Any representation to the contrary is a criminal offense.

	Public offering price ⁽¹⁾	Underwriting discount ⁽¹⁾⁽²⁾	Proceeds, before expenses, to BofA Finance ⁽²⁾
Per Note	\$1,000.00	\$30.00	\$970.00
Total			

(1) Certain dealers who purchase the Notes for sale to certain fee-based advisory accounts may forgo some or all of their selling concessions, fees or commissions. The public offering price for investors purchasing the Notes in these fee-based advisory accounts may be as low as \$970.00 per \$1,000.00 in principal amount of Notes.

(2) The underwriting discount per \$1,000.00 in principal amount of Notes may be as high as \$30.00, resulting in proceeds, before expenses, to BofA Finance of as low as \$970.00 per \$1,000.00 in principal amount of Notes.

The Notes and the related guarantee:

Are Not FDIC Insured	Are Not Bank Guaranteed	May Lose Value
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BofA SECURITIES 
Selling Agent

Terms of the Notes

Issuer:	BofA Finance
Guarantor:	BAC
Denominations:	The Notes will be issued in minimum denominations of \$1,000.00 and whole multiples of \$1,000.00 in excess thereof.
Term:	Approximately 3 years, unless previously automatically called.
Underlyings:	The Nasdaq-100 [®] Technology Sector Index (Bloomberg symbol: "NDXT"), a price return index, the VanEck [®] Gold Miners ETF (Bloomberg symbol: "GDX") and the VanEck [®] Semiconductor ETF (Bloomberg symbol: "SMH").
Pricing Date*:	March 18, 2025
Issue Date*:	March 21, 2025
Valuation Date*:	March 20, 2028, subject to postponement as described under "Description of the Notes—Certain Terms of the Notes—Events Relating to Observation Dates" in the accompanying product supplement.
Maturity Date*:	March 23, 2028
Starting Value:	With respect to the NDXT, its closing level on the pricing date. With respect to the GDX, its Closing Market Price on the pricing date. With respect to the SMH, its Closing Market Price on the pricing date.
Observation Value:	With respect to the NDXT, its closing level on the applicable Observation Date or Call Observation Date, as applicable. With respect to the GDX, its Closing Market Price on the applicable Observation Date or Call Observation Date, as applicable, multiplied by its Price Multiplier. With respect to the SMH, its Closing Market Price on the applicable Observation Date or Call Observation Date, as applicable, multiplied by its Price Multiplier.
Ending Value:	With respect to each Underlying, its Observation Value on the Valuation Date.
Call Value:	With respect to each Underlying, 100.00% of its Starting Value.
Price Multiplier:	With respect to each of the GDX and the SMH, 1, subject to adjustment for certain events relating to that Underlying as described in "Description of the Notes — Anti-Dilution and Discontinuance Adjustments Relating to ETFs" beginning on page PS-28 of the accompanying product supplement.
Coupon Barrier:	With respect to each Underlying, 70.00% of its Starting Value.
Threshold Value:	With respect to each Underlying, 60.00% of its Starting Value.
Contingent Coupon Payment:	If, on any monthly Observation Date, the Observation Value of each Underlying is greater than or equal to its Coupon Barrier, we will pay a Contingent Coupon Payment of \$10.209 per \$1,000.00 in principal amount of Notes (equal to a rate of 1.0209% per month or 12.25% per annum) on the applicable Contingent Payment Date (including the Maturity Date).
Automatic Call:	Beginning with the September 18, 2025 Call Observation Date, all (but not less than all) of the Notes will be automatically called if the Observation Value of each Underlying is greater than or equal to its Call Value on any Call Observation Date. If the Notes are automatically called, the Early Redemption Amount will be paid on the applicable Call Payment Date. No further amounts will be payable following an Automatic Call.
Early Redemption Amount:	For each \$1,000.00 in principal amount of Notes, \$1,000.00, plus the applicable Contingent Coupon Payment.



Redemption Amount:	<p>If the Notes have not been automatically called prior to maturity, the Redemption Amount per \$1,000.00 in principal amount of Notes will be:</p> <p>a) If the Ending Value of the Least Performing Underlying is greater than or equal to its Threshold Value:</p> <p style="text-align: center;">\$1,000.00; or</p> <p>b) If the Ending Value of the Least Performing Underlying is less than its Threshold Value:</p> <p style="text-align: center;">$\\$1,000.00 + (\\$1,000.00 \times \text{Underlying Return of the Least Performing Underlying})$</p> <p>In this case, the Redemption Amount (excluding any final Contingent Coupon Payment) will be less than 60.00% of the principal amount and you could lose up to 100.00% of your investment in the Notes.</p> <p>The Redemption Amount will also include a final Contingent Coupon Payment if the Ending Value of the Least Performing Underlying is greater than or equal to its Coupon Barrier.</p>
Observation Dates*:	As set forth beginning on page PS-4
Contingent Payment Dates*:	As set forth beginning on page PS-4
Call Observation Dates*:	As set forth beginning on page PS-6
Call Payment Dates*:	As set forth beginning on page PS-6. Each Call Payment Date is also a Contingent Payment Date.
Calculation Agent:	BofA Securities, Inc. ("BofAS"), an affiliate of BofA Finance.
Selling Agent:	BofAS
CUSIP:	09711GDV4
Underlying Return:	<p>With respect to each Underlying,</p> <p style="text-align: center;">$\frac{(\text{Ending Value} - \text{Starting Value})}{\text{Starting Value}}$</p>
Least Performing Underlying:	The Underlying with the lowest Underlying Return.
Events of Default and Acceleration:	<p>If an Event of Default, as defined in the senior indenture relating to the Notes and in the section entitled "Description of Debt Securities of BofA Finance LLC—Events of Default and Rights of Acceleration; Covenant Breaches" on page 54 of the accompanying prospectus, with respect to the Notes occurs and is continuing, the amount payable to a holder of the Notes upon any acceleration permitted under the senior indenture will be equal to the amount described under the caption "Redemption Amount" above, calculated as though the date of acceleration were the Maturity Date of the Notes and as though the Valuation Date were the third Trading Day prior to the date of acceleration. We will also determine whether a final Contingent Coupon Payment is payable based upon the values of the Underlyings on the deemed Valuation Date; any such final Contingent Coupon Payment will be prorated by the calculation agent to reflect the length of the final contingent payment period. In case of a default in the payment of the Notes, whether at their maturity or upon acceleration, the Notes will not bear a default interest rate.</p>

* Subject to change.



Observation Dates, Contingent Payment Dates, Call Observation Dates and Call Payment Dates

Observation Dates*	Contingent Payment Dates
April 21, 2025	April 24, 2025
May 19, 2025	May 22, 2025
June 18, 2025	June 24, 2025
July 18, 2025	July 23, 2025
August 18, 2025	August 21, 2025
September 18, 2025	September 23, 2025
October 20, 2025	October 23, 2025
November 18, 2025	November 21, 2025
December 18, 2025	December 23, 2025
January 20, 2026	January 23, 2026
February 18, 2026	February 23, 2026
March 18, 2026	March 23, 2026
April 20, 2026	April 23, 2026
May 18, 2026	May 21, 2026
June 18, 2026	June 24, 2026
July 20, 2026	July 23, 2026
August 18, 2026	August 21, 2026
September 18, 2026	September 23, 2026
October 19, 2026	October 22, 2026
November 18, 2026	November 23, 2026
December 18, 2026	December 23, 2026
January 19, 2027	January 22, 2027
February 18, 2027	February 23, 2027
March 18, 2027	March 23, 2027
April 19, 2027	April 22, 2027
May 18, 2027	May 21, 2027
June 21, 2027	June 24, 2027
July 19, 2027	July 22, 2027
August 18, 2027	August 23, 2027
September 20, 2027	September 23, 2027
October 18, 2027	October 21, 2027
November 18, 2027	November 23, 2027
December 20, 2027	December 23, 2027



Observation Dates*	Contingent Payment Dates
January 18, 2028	January 21, 2028
February 18, 2028	February 24, 2028
March 20, 2028 (the "Valuation Date")	March 23, 2028 (the "Maturity Date")

* The Observation Dates are subject to postponement as set forth in "Description of the Notes—Certain Terms of the Notes—Events Relating to Observation Dates" beginning on page PS-23 of the accompanying product supplement.



Call Observation Dates*	Call Payment Dates
September 18, 2025	September 23, 2025
October 20, 2025	October 23, 2025
November 18, 2025	November 21, 2025
December 18, 2025	December 23, 2025
January 20, 2026	January 23, 2026
February 18, 2026	February 23, 2026
March 18, 2026	March 23, 2026
April 20, 2026	April 23, 2026
May 18, 2026	May 21, 2026
June 18, 2026	June 24, 2026
July 20, 2026	July 23, 2026
August 18, 2026	August 21, 2026
September 18, 2026	September 23, 2026
October 19, 2026	October 22, 2026
November 18, 2026	November 23, 2026
December 18, 2026	December 23, 2026
January 19, 2027	January 22, 2027
February 18, 2027	February 23, 2027
March 18, 2027	March 23, 2027
April 19, 2027	April 22, 2027
May 18, 2027	May 21, 2027
June 21, 2027	June 24, 2027
July 19, 2027	July 22, 2027
August 18, 2027	August 23, 2027
September 20, 2027	September 23, 2027
October 18, 2027	October 21, 2027
November 18, 2027	November 23, 2027
December 20, 2027	December 23, 2027
January 18, 2028	January 21, 2028
February 18, 2028	February 24, 2028

* The Call Observation Dates are subject to postponement as set forth in "Description of the Notes—Certain Terms of the Notes—Events Relating to Observation Dates" beginning on page PS-23 of the accompanying product supplement, with references to "Observation Dates" being read as references to "Call Observation Dates."

Any payments on the Notes depend on the credit risk of BofA Finance, as Issuer, and BAC, as Guarantor, and on the performance of the Underlyings. The economic terms of the Notes are based on BAC's internal funding rate, which is the rate it would pay to borrow funds through the issuance of market-linked notes, and the economic terms of certain related hedging arrangements BAC's affiliates enter into. BAC's internal funding rate is typically



Contingent Income Auto-Callable Yield Notes Linked to the Least Performing of the Nasdaq-100[®] Technology Sector Index, the VanEck[®] Gold Miners ETF and the VanEck[®] Semiconductor ETF

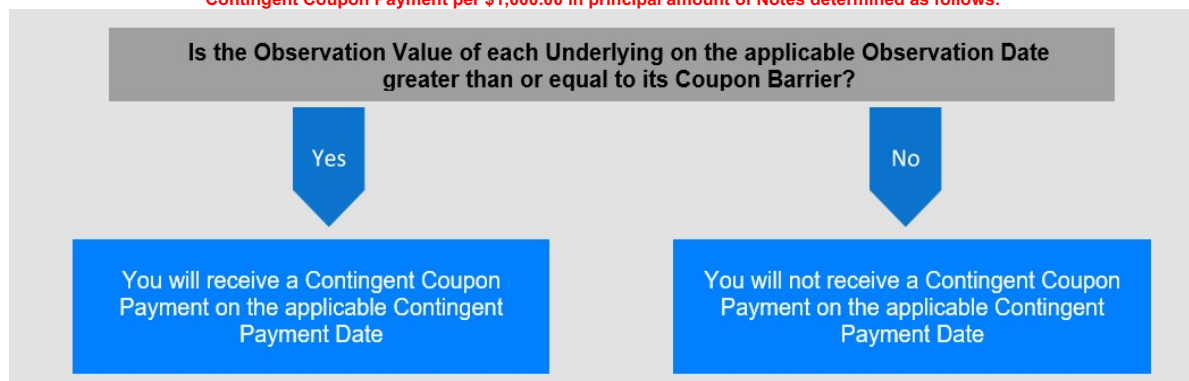
lower than the rate it would pay when it issues conventional fixed or floating rate debt securities. This difference in funding rate, as well as the underwriting discount, if any, and the hedging related charges described below (see "Risk Factors" beginning on page PS-11), will reduce the economic terms of the Notes to you and the initial estimated value of the Notes. Due to these factors, the public offering price you pay to purchase the Notes will be greater than the initial estimated value of the Notes as of the pricing date.

The initial estimated value range of the Notes is set forth on the cover page of this pricing supplement. The final pricing supplement will set forth the initial estimated value of the Notes as of the pricing date. For more information about the initial estimated value and the structuring of the Notes, see "Risk Factors" beginning on page PS-11 and "Structuring the Notes" on page PS-34.

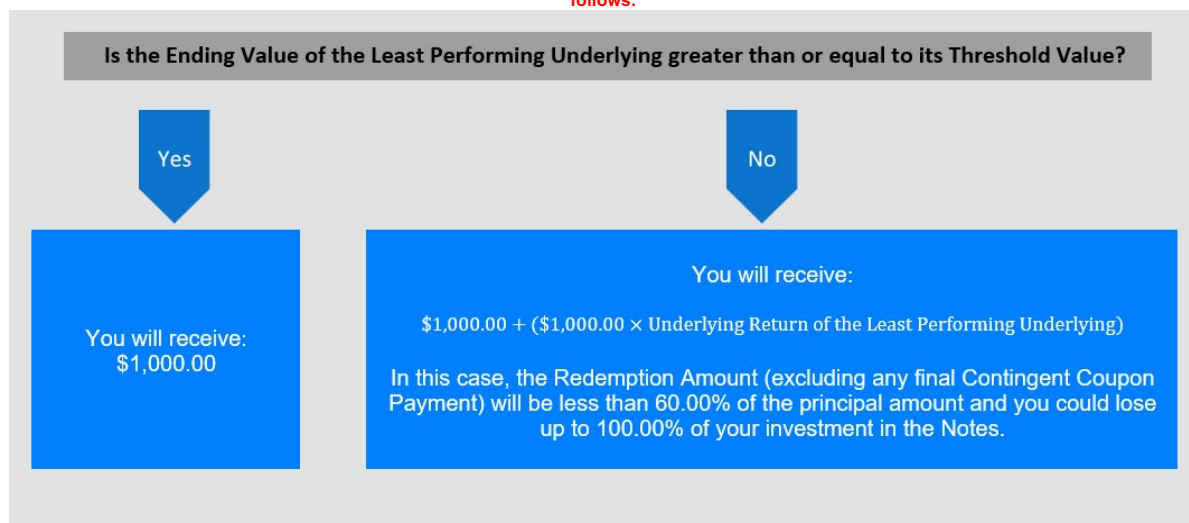


Contingent Coupon Payment and Redemption Amount Determination

On each Contingent Payment Date, if the Notes have not been previously called, you may receive a Contingent Coupon Payment per \$1,000.00 in principal amount of Notes determined as follows:



Assuming the Notes have not been automatically called, on the Maturity Date, you will receive a cash payment per \$1,000.00 in principal amount of Notes determined as follows:



The Redemption Amount will also include a final Contingent Coupon Payment if the Ending Value of the Least Performing Underlying is greater than or equal to its Coupon Barrier.

All payments described above are subject to the credit risk of BofA Finance, as Issuer, and BAC, as Guarantor.



Total Contingent Coupon Payment Examples

The table below illustrates the hypothetical total Contingent Coupon Payments per \$1,000.00 in principal amount of Notes over the term of the Notes, based on the Contingent Coupon Payment of \$10.209, depending on how many Contingent Coupon Payments are payable prior to an Automatic Call or maturity. Depending on the performance of the Underlyings, you may not receive any Contingent Coupon Payments during the term of the Notes.

Number of Contingent Coupon Payments	Total Contingent Coupon Payments
0	\$0.000
2	\$20.418
4	\$40.836
6	\$61.254
8	\$81.672
10	\$102.090
12	\$122.508
14	\$142.926
16	\$163.344
18	\$183.762
20	\$204.180
22	\$224.598
24	\$245.016
26	\$265.434
28	\$285.852
30	\$306.270
32	\$326.688
34	\$347.106
36	\$367.524



Hypothetical Payout Profile and Examples of Payments at Maturity

Contingent Income Auto-Callable Yield Notes Table

The following table is for purposes of illustration only. It assumes the Notes have not been automatically called prior to maturity and is based on **hypothetical** values and shows **hypothetical** returns on the Notes. The table illustrates the calculation of the Redemption Amount and the return on the Notes based on a hypothetical Starting Value of 100 for the Least Performing Underlying, a hypothetical Coupon Barrier of 70 for the Least Performing Underlying, a hypothetical Threshold Value of 60 for the Least Performing Underlying, the Contingent Coupon Payment of \$10.209 per \$1,000.00 in principal amount of Notes and a range of hypothetical Ending Values of the Least Performing Underlying. **The actual amount you receive and the resulting return will depend on the actual Starting Values, Coupon Barriers, Threshold Values, Observation Values and Ending Values of the Underlyings, whether the Notes are automatically called prior to maturity, and whether you hold the Notes to maturity.** The following examples do not take into account any tax consequences from investing in the Notes.

For recent actual values of the Underlyings, see "The Underlyings" section below. The Ending Value of each Underlying will not include any income generated by dividends or other distributions paid with respect to shares or units of that Underlying or on the securities included in that Underlying, as applicable. In addition, all payments on the Notes are subject to Issuer and Guarantor credit risk.

Ending Value of the Least Performing Underlying	Underlying Return of the Least Performing Underlying	Redemption Amount per Note (including any final Contingent Coupon Payment)	Return on the Notes ⁽¹⁾
160.00	60.00%	\$1,010.209	1.0209%
150.00	50.00%	\$1,010.209	1.0209%
140.00	40.00%	\$1,010.209	1.0209%
130.00	30.00%	\$1,010.209	1.0209%
120.00	20.00%	\$1,010.209	1.0209%
110.00	10.00%	\$1,010.209	1.0209%
105.00	5.00%	\$1,010.209	1.0209%
102.00	2.00%	\$1,010.209	1.0209%
100.00 ⁽²⁾	0.00%	\$1,010.209	1.0209%
90.00	-10.00%	\$1,010.209	1.0209%
80.00	-20.00%	\$1,010.209	1.0209%
70.00 ⁽³⁾	-30.00%	\$1,010.209	1.0209%
69.99	-30.01%	\$1,000.000	0.0000%
60.00 ⁽⁴⁾	-40.00%	\$1,000.000	0.0000%
59.99	-40.01%	\$599.900	-40.0100%
50.00	-50.00%	\$500.000	-50.0000%
0.00	-100.00%	\$0.000	-100.0000%

(1) The "Return on the Notes" is calculated based on the Redemption Amount and potential final Contingent Coupon Payment, not including any Contingent Coupon Payments paid prior to maturity.

(2) The hypothetical Starting Value of 100 used in the table above has been chosen for illustrative purposes only and does not represent a likely Starting Value of any Underlying.

(3) This is the hypothetical Coupon Barrier of the Least Performing Underlying.

(4) This is the hypothetical Threshold Value of the Least Performing Underlying.



Risk Factors

Your investment in the Notes entails significant risks, many of which differ from those of a conventional debt security. Your decision to purchase the Notes should be made only after carefully considering the risks of an investment in the Notes, including those discussed below, with your advisors in light of your particular circumstances. The Notes are not an appropriate investment for you if you are not knowledgeable about significant elements of the Notes or financial matters in general. You should carefully review the more detailed explanation of risks relating to the Notes in the "Risk Factors" sections beginning on page PS-5 of the accompanying product supplement, page S-6 of the accompanying prospectus supplement and page 7 of the accompanying prospectus, each as identified on page PS-39 below.

Structure-related Risks

- **Your investment may result in a loss; there is no guaranteed return of principal.** There is no fixed principal repayment amount on the Notes at maturity. If the Notes are not automatically called prior to maturity and the Ending Value of any Underlying is less than its Threshold Value, at maturity, your investment will be subject to 1:1 downside exposure to decreases in the value of the Least Performing Underlying and you will lose 1% of the principal amount for each 1% that the Ending Value of the Least Performing Underlying is less than its Starting Value. In that case, you will lose a significant portion or all of your investment in the Notes.
- **Your return on the Notes is limited to the return represented by the Contingent Coupon Payments, if any, over the term of the Notes.** Your return on the Notes is limited to the Contingent Coupon Payments paid over the term of the Notes, regardless of the extent to which the Observation Value or Ending Value of any Underlying exceeds its Coupon Barrier or Starting Value, as applicable. Similarly, the amount payable at maturity or upon an Automatic Call will never exceed the sum of the principal amount and the applicable Contingent Coupon Payment, regardless of the extent to which the Observation Value or Ending Value of any Underlying exceeds its Starting Value. In contrast, a direct investment in an Underlying or in the securities held by or included in an Underlying, as applicable, would allow you to receive the benefit of any appreciation in their values. Any return on the Notes will not reflect the return you would realize if you actually owned those securities and received the dividends paid or distributions made on them.
- **The Notes are subject to a potential Automatic Call, which would limit your ability to receive the Contingent Coupon Payments over the full term of the Notes.** The Notes are subject to a potential Automatic Call. Beginning with the September 18, 2025 Call Observation Date, the Notes will be automatically called if, on any Call Observation Date, the Observation Value of each Underlying is greater than or equal to its Call Value. If the Notes are automatically called prior to the Maturity Date, you will be entitled to receive the Early Redemption Amount on the applicable Call Payment Date, and no further amounts will be payable on the Notes. In this case, you will lose the opportunity to continue to receive Contingent Coupon Payments after the date of the Automatic Call. If the Notes are called prior to the Maturity Date, you may be unable to invest in other securities with a similar level of risk that could provide a return that is similar to the Notes.
- **You may not receive any Contingent Coupon Payments.** The Notes do not provide for any regular fixed coupon payments. Investors in the Notes will not necessarily receive any Contingent Coupon Payments on the Notes. If the Observation Value of any Underlying is less than its Coupon Barrier on an Observation Date, you will not receive the Contingent Coupon Payment applicable to that Observation Date. If the Observation Value of any Underlying is less than its Coupon Barrier on all the Observation Dates during the term of the Notes, you will not receive any Contingent Coupon Payments during the term of the Notes, and will not receive a positive return on the Notes.
- **Your return on the Notes may be less than the yield on a conventional debt security of comparable maturity.** Any return that you receive on the Notes may be less than the return you would earn if you purchased a conventional debt security with the same Maturity Date. As a result, your investment in the Notes may not reflect the full opportunity cost to you when you consider factors, such as inflation, that affect the time value of money. In addition, if interest rates increase during the term of the Notes, the Contingent Coupon Payment (if any) may be less than the yield on a conventional debt security of comparable maturity.
- **The Contingent Coupon Payment, Early Redemption Amount or Redemption Amount, as applicable, will not reflect changes in the values of the Underlyings other than on the Observation Dates or Call Observation Dates, as applicable.** The values of the Underlyings during the term of the Notes other than on the Observation Dates or Call Observation Dates, as applicable, will not affect payments on the Notes. Notwithstanding the foregoing, investors should generally be aware of the performance of the Underlyings while holding the Notes, as the performance of the Underlyings may influence the market value of the Notes. The calculation agent will determine whether each Contingent Coupon Payment is payable and will calculate the Early Redemption Amount or the Redemption Amount, as applicable, by comparing only the Starting Value, the Coupon Barrier, the Call Value or the Threshold Value, as applicable, to the Observation Value or the Ending Value for each Underlying. No other values of the Underlyings will be taken into account. As a result, if the Notes are not automatically called prior to maturity and the Ending Value of the Least Performing Underlying is less than its Threshold Value, you will receive less than the principal amount at maturity even if the value of each Underlying was always above its Threshold Value prior to the Valuation Date.
- **Because the Notes are linked to the least performing (and not the average performance) of the Underlyings, you may not receive any return on the Notes and may lose a significant portion or all of your investment in the Notes even if the Observation Value or Ending Value of one Underlying is greater than or equal to its Coupon Barrier or Threshold Value, as applicable.** Your Notes are linked to the least performing of the Underlyings, and a change in the value of one Underlying may not correlate with changes in the values of the other Underlyings. The Notes are not linked to a basket composed of the Underlyings, where the depreciation in the



value of one Underlying could be offset to some extent by the appreciation in the values of the other Underlyings. In the case of the Notes, the individual performance of each Underlying would not be combined, and the depreciation in the value of one Underlying would not be offset by any appreciation in the values of the other Underlyings. Even if the Observation Value of an Underlying is at or above its Coupon Barrier on an Observation Date, you will not receive the Contingent Coupon Payment with respect to that Observation Date if the Observation Value of another Underlying is below its Coupon Barrier on that day. In addition, even if the Ending Value of an Underlying is at or above its Threshold Value, you will lose a significant portion or all of your investment in the Notes if the Ending Value of the Least Performing Underlying is below its Threshold Value.

- **Any payments on the Notes are subject to our credit risk and the credit risk of the Guarantor, and any actual or perceived changes in our or the Guarantor's creditworthiness are expected to affect the value of the Notes.** The Notes are our senior unsecured debt securities. Any payment on the Notes will be fully and unconditionally guaranteed by the Guarantor. The Notes are not guaranteed by any entity other than the Guarantor. As a result, your receipt of any payments on the Notes will be dependent upon our ability and the ability of the Guarantor to repay our respective obligations under the Notes on the applicable payment date, regardless of the performance of the Underlyings. No assurance can be given as to what our financial condition or the financial condition of the Guarantor will be at any time after the pricing date of the Notes. If we and the Guarantor become unable to meet our respective financial obligations as they become due, you may not receive the amount(s) payable under the terms of the Notes.

In addition, our credit ratings and the credit ratings of the Guarantor are assessments by ratings agencies of our respective abilities to pay our obligations. Consequently, our or the Guarantor's perceived creditworthiness and actual or anticipated decreases in our or the Guarantor's credit ratings or increases in the spread between the yield on our respective securities and the yield on U.S. Treasury securities (the "credit spread") prior to the Maturity Date may adversely affect the market value of the Notes. However, because your return on the Notes depends upon factors in addition to our ability and the ability of the Guarantor to pay our respective obligations, such as the values of the Underlyings, an improvement in our or the Guarantor's credit ratings will not reduce the other investment risks related to the Notes.

- **We are a finance subsidiary and, as such, have no independent assets, operations, or revenues.** We are a finance subsidiary of the Guarantor, have no operations other than those related to the issuance, administration and repayment of our debt securities that are guaranteed by the Guarantor, and are dependent upon the Guarantor and/or its other subsidiaries to meet our obligations under the Notes in the ordinary course. Therefore, our ability to make payments on the Notes may be limited.

Valuation and Market-related Risks

- **The public offering price you pay for the Notes will exceed their initial estimated value.** The range of initial estimated values of the Notes that is provided on the cover page of this preliminary pricing supplement, and the initial estimated value as of the pricing date that will be provided in the final pricing supplement, are each estimates only, determined as of a particular point in time by reference to our and our affiliates' pricing models. These pricing models consider certain assumptions and variables, including our credit spreads and those of the Guarantor, the Guarantor's internal funding rate, mid-market terms on hedging transactions, expectations on interest rates, dividends and volatility, price-sensitivity analysis, and the expected term of the Notes. These pricing models rely in part on certain forecasts about future events, which may prove to be incorrect. If you attempt to sell the Notes prior to maturity, their market value may be lower than the price you paid for them and lower than their initial estimated value. This is due to, among other things, changes in the values of the Underlyings, changes in the Guarantor's internal funding rate, and the inclusion in the public offering price of the underwriting discount, if any, and the hedging related charges, all as further described in "Structuring the Notes" below. These factors, together with various credit, market and economic factors over the term of the Notes, are expected to reduce the price at which you may be able to sell the Notes in any secondary market and will affect the value of the Notes in complex and unpredictable ways.
- **The initial estimated value does not represent a minimum or maximum price at which we, BAC, BofAS or any of our other affiliates would be willing to purchase your Notes in any secondary market (if any exists) at any time.** The value of your Notes at any time after issuance will vary based on many factors that cannot be predicted with accuracy, including the performance of the Underlyings, our and BAC's creditworthiness and changes in market conditions.
- **We cannot assure you that a trading market for your Notes will ever develop or be maintained.** We will not list the Notes on any securities exchange. We cannot predict how the Notes will trade in any secondary market or whether that market will be liquid or illiquid.

Conflict-related Risks

- **Trading and hedging activities by us, the Guarantor and any of our other affiliates, including BofAS, may create conflicts of interest with you and may affect your return on the Notes and their market value.** We, the Guarantor or one or more of our other affiliates, including BofAS, may buy or sell shares or units of the Underlyings or the securities or assets held by or included in the Underlyings, as applicable, or futures or options contracts or exchange traded instruments on the Underlyings or those securities, or other instruments whose value is derived from the Underlyings or those securities or assets. While we, the Guarantor or one or more of our other affiliates, including BofAS, may from time to time own shares or units of the Underlyings or the securities or assets represented by the Underlyings, except to the extent that BAC's common stock may be included in the Underlyings, we, the Guarantor and our other affiliates, including BofAS, do not control any company included in the Underlyings, and have not verified any disclosure made by any other company. We, the Guarantor or one or more of our other affiliates, including BofAS, may execute such purchases or sales for our



own or their own accounts, for business reasons, or in connection with hedging our obligations under the Notes. These transactions may present a conflict of interest between your interest in the Notes and the interests we, the Guarantor and our other affiliates, including BofAS, may have in our or their proprietary accounts, in facilitating transactions, including block trades, for our or their other customers, and in accounts under our or their management. These transactions may adversely affect the values of the Underlyings in a manner that could be adverse to your investment in the Notes. On or before the pricing date, any purchases or sales by us, the Guarantor or our other affiliates, including BofAS or others on our or their behalf (including those for the purpose of hedging some or all of our anticipated exposure in connection with the Notes), may affect the values of the Underlyings. Consequently, the values of the Underlyings may change subsequent to the pricing date, which may adversely affect the market value of the Notes.

We, the Guarantor or one or more of our other affiliates, including BofAS, also expect to engage in hedging activities that could affect the values of the Underlyings on the pricing date. In addition, these hedging activities, including the unwinding of a hedge, may decrease the market value of your Notes prior to maturity, and may affect the amounts to be paid on the Notes. We, the Guarantor or one or more of our other affiliates, including BofAS, may purchase or otherwise acquire a long or short position in the Notes and may hold or resell the Notes. For example, BofAS may enter into these transactions in connection with any market making activities in which it engages. We cannot assure you that these activities will not adversely affect the values of the Underlyings, the market value of your Notes prior to maturity or the amounts payable on the Notes.

- **There may be potential conflicts of interest involving the calculation agent, which is an affiliate of ours.** We have the right to appoint and remove the calculation agent. One of our affiliates will be the calculation agent for the Notes and, as such, will make a variety of determinations relating to the Notes, including the amounts that will be paid on the Notes. Under some circumstances, these duties could result in a conflict of interest between its status as our affiliate and its responsibilities as calculation agent.

Underlying-related Risks

- **An investment in the Notes is subject to risks associated with investing in stocks in the gold and silver mining industries.** All or substantially all of the equity securities held by the GDX are issued by companies whose primary line of business is directly associated with the gold and silver mining industries, respectively. As a result, the value of the Notes may be subject to greater volatility and be more adversely affected by a single economic, political or regulatory occurrence affecting these industries than a different investment linked to securities of a more broadly diversified group of issuers. Investments related to gold and silver are considered speculative and are affected by a variety of factors. Competitive pressures may have a significant effect on the financial condition of gold and silver mining companies. Also, gold and silver mining companies are highly dependent on the price of gold and silver bullion, respectively, and may be adversely affected by a variety of worldwide economic, financial and political factors. The price of gold has fluctuated in recent years and may continue to fluctuate substantially over short periods of time so the trading price of the shares of the GDX may be more volatile than other types of investments. Fluctuation in the prices of gold and silver may be due to a number of factors, including changes in inflation and changes in industrial and commercial demand for metals. Additionally, increased environmental or labor costs may depress the value of metal investments. In times of significant inflation or great economic uncertainty, gold, silver and other precious metals may outperform traditional investments such as bonds and stocks. However, in times of stable economic growth, traditional equity and debt investments could offer greater appreciation potential and the value of gold, silver and other precious metals may be adversely affected, which could in turn affect the GDX's returns. If a natural disaster or other event with a significant economic impact occurs in a region where the companies in which the GDX invests operate, that disaster or event could negatively affect the profitability of these companies and, in turn, the GDX's investment in them. These factors could affect the gold and silver mining industries and could affect the value of the equity securities held by the GDX and the price of the GDX during the term of the Notes, which may adversely affect the value of your Notes.

In addition, the GDX is classified as "non-diversified" under the Investment Company Act of 1940, as amended. A non-diversified fund generally may invest a larger percentage of its assets in the securities of a smaller number of issuers. As a result, the GDX may be more susceptible to the risks associated with these particular companies, or to a single economic, political or regulatory occurrence affecting these companies.

- **An investment in the Notes is subject to risks associated with foreign securities markets, including emerging markets.** Some of the securities held by the GDX are issued by foreign companies and you should be aware that investments in securities linked to the value of foreign equity securities involve particular risks. Foreign securities markets may have less liquidity and may be more volatile than the U.S. securities markets, and market developments may affect foreign markets differently than U.S. securities markets. Direct or indirect government intervention to stabilize a foreign securities market, as well as cross-shareholdings in foreign companies, may affect trading prices and volumes in those markets. Also, there is generally less publicly available information about non-U.S. companies that are not subject to the reporting requirements of the SEC, and non-U.S. companies are subject to accounting, auditing and financial reporting standards and requirements that differ from those applicable to U.S. reporting companies.

The prices and performance of securities of non-U.S. companies are subject to political, economic, financial, military and social factors which could negatively affect foreign securities markets, including the possibility of recent or future changes in a foreign government's economic, monetary and fiscal policies, the possible imposition of, or changes in, currency exchange laws or other laws or restrictions applicable to foreign companies or investments in foreign equity securities, the possibility of imposition of withholding taxes on dividend



income, the possibility of fluctuations in the rate of exchange between currencies, the possibility of outbreaks of hostility or political instability and the possibility of natural disaster or adverse public health developments. Moreover, the relevant non-U.S. economies may differ favorably or unfavorably from the U.S. economy in important respects, such as growth of gross national product, rate of inflation, trade surpluses or deficits, capital reinvestment, resources and self-sufficiency.

In addition, the GDx may include companies in countries with emerging markets. Countries with emerging markets may have relatively unstable governments, may present the risks of nationalization of businesses, restrictions on foreign ownership and prohibitions on the repatriation of assets, and may have less protection of property rights than more developed countries. The economies of countries with emerging markets may be based on only a few industries, may be highly vulnerable to changes in local or global trade conditions (due to economic dependence upon commodity prices and international trade), and may suffer from extreme and volatile debt burdens, currency devaluations or inflation rates. Local securities markets may trade a small number of securities and may be unable to respond effectively to increases in trading volume, potentially making prompt liquidation of holdings difficult or impossible at times.

The securities included in the GDx may be listed on a foreign stock exchange. A foreign stock exchange may impose trading limitations intended to prevent extreme fluctuations in individual security prices and may suspend trading in certain circumstances. These actions could limit variations in the Closing Price of the GDx which could, in turn, adversely affect the value of the Notes.

- **The Notes are subject to foreign currency exchange rate risk.** The GDx holds securities traded outside of the United States. The GDx's share price will fluctuate based upon its net asset value, which will in turn depend in part upon changes in the value of the currencies in which the securities held by the GDx are traded. Accordingly, investors in the Notes will be exposed to currency exchange rate risk with respect to each of the currencies in which the securities held by the GDx are traded. An investor's net exposure will depend on the extent to which these currencies strengthen or weaken against the U.S. dollar. If the dollar strengthens against these currencies, the net asset value of the GDx will be adversely affected and the price of the GDx may decrease.
- **The stocks held by the GDx are concentrated in one sector.** The GDx holds securities issued by companies in the gold miners sector. As a result, some of the stocks that will determine the performance of the Notes are concentrated in one sector. Although an investment in the Notes will not give holders any ownership or other direct interests in the securities held by the GDx, the return on an investment in the Notes will be subject to certain risks associated with a direct equity investment in companies in this sector. Accordingly, by investing in the Notes, you will not benefit from the diversification which could result from an investment linked to companies that operate in multiple sectors.
- **Adverse conditions in the technology sector may reduce your return on the Notes.** All of the stocks included in the NDXT are issued by companies in the technology sector. Market or economic factors impacting technology companies and companies that rely heavily on technological advances could have a major effect on the value of the NDXT's investments. The prices of stocks of technology companies and companies that rely heavily on technology are particularly vulnerable to rapid changes in technology product cycles, rapid product obsolescence, government regulation and competition, both domestically and internationally, including competition from foreign competitors with lower production costs. Stocks of technology companies and companies that rely heavily on technology, especially those of smaller, less-seasoned companies, tend to be more volatile than the overall market. Technology companies are heavily dependent on patent and intellectual property rights, the loss or impairment of which may adversely affect profitability. Additionally, companies in the technology sector may face dramatic and often unpredictable changes in growth rates and competition for the services of qualified personnel. Any of these factors may have an adverse effect on the return on the Notes. Accordingly, by investing in the Notes, you will not benefit from the diversification which could result from an investment linked to companies that operate in multiple sectors.
- **Adverse conditions in the semiconductor production and equipment sector may reduce your return on the Notes.** All or substantially all of the stocks held by the SMH are issued by companies whose primary line of business is directly associated with the semiconductor production and equipment sector. The SMH is subject to the risk that companies that are in the semiconductor production and equipment sector may be similarly affected by particular economic or market events. As product cycles shorten and manufacturing capacity increases, these companies may become increasingly subject to aggressive pricing, which hampers profitability. Semiconductor companies are vulnerable to wide fluctuations in securities prices due to rapid product obsolescence. Many semiconductor companies may not successfully introduce new products, develop and maintain a loyal customer base or achieve general market acceptance for their products, and failure to do so could have a material adverse effect on their business, results of operations and financial condition. Reduced demand for end-user products, underutilization of manufacturing capacity, and other factors could adversely impact the operating results of companies in the semiconductor production and equipment sector. Semiconductor companies typically face high capital costs and such companies may need additional financing, which may be difficult to obtain. They also may be subject to risks relating to research and development costs and the availability and price of components. Moreover, they may be heavily dependent on intellectual property rights and may be adversely affected by loss or impairment of those rights. Some of the companies involved in the semiconductor production and equipment sector are also engaged in other lines of business unrelated to the semiconductor business, and they may experience problems with these lines of business, which could adversely affect their operating results. The international operations of many semiconductor companies expose them to risks associated with instability and changes in economic and political conditions, foreign currency fluctuations, changes in foreign regulations, tariffs and trade disputes, competition from subsidized foreign competitors with lower production costs and other risks inherent to international business. The semiconductor production and equipment sector is highly cyclical, which may cause the operating results of many semiconductor companies to vary significantly. Companies in the semiconductor production and equipment sector also may be subject to competition from new market entrants. The stock prices of



companies in the semiconductor production and equipment sector have been and will likely continue to be extremely volatile compared to the overall market. These factors could affect the semiconductor production and equipment sector and could affect the value of the equity securities held by the SMH and the price of the SMH during the term of the Notes, which may adversely affect the value of your Notes.

- **The Notes are subject to risks associated with foreign securities markets.** The NDXT includes certain foreign equity securities. You should be aware that investments in securities linked to the value of foreign equity securities involve particular risks. The foreign securities markets comprising the NDXT may have less liquidity and may be more volatile than U.S. or other securities markets and market developments may affect foreign markets differently from U.S. or other securities markets. Direct or indirect government intervention to stabilize these foreign securities markets, as well as cross-shareholdings in foreign companies, may affect trading prices and volumes in these markets. Also, there is generally less publicly available information about foreign companies than about those U.S. companies that are subject to the reporting requirements of the SEC, and foreign companies are subject to accounting, auditing and financial reporting standards and requirements that differ from those applicable to U.S. reporting companies.

Prices of securities in foreign countries are subject to political, economic, financial and social factors that apply in those geographical regions. These factors, which could negatively affect those securities markets, include the possibility of recent or future changes in a foreign government's economic and fiscal policies, the possible imposition of, or changes in, currency exchange laws or other laws or restrictions applicable to foreign companies or investments in foreign equity securities and the possibility of fluctuations in the rate of exchange between currencies, the possibility of outbreaks of hostility and political instability and the possibility of natural disaster or adverse public health developments in the region. Moreover, foreign economies may differ favorably or unfavorably from the U.S. economy in important respects such as growth of gross national product, rate of inflation, capital reinvestment, resources and self-sufficiency.

- **The stocks included in the NDXT are concentrated in one sector.** The NDXT includes securities issued by companies in the technology sector. As a result, some of the stocks that will determine the performance of the Notes are concentrated in one sector. Although an investment in the Notes will not give holders any ownership or other direct interests in the securities included in the NDXT, the return on an investment in the Notes will be subject to certain risks associated with a direct equity investment in companies in this sector. Accordingly, by investing in the Notes, you will not benefit from the diversification which could result from an investment linked to companies that operate in multiple sectors.
- **The stocks held by the SMH are concentrated in one sector.** The SMH holds securities issued by companies in the semiconductor production and equipment sector. As a result, some of the stocks that will determine the performance of the Notes are concentrated in one sector. Although an investment in the Notes will not give holders any ownership or other direct interests in the securities held by the SMH, the return on an investment in the Notes will be subject to certain risks associated with a direct equity investment in companies in this sector. Accordingly, by investing in the Notes, you will not benefit from the diversification which could result from an investment linked to companies that operate in multiple sectors.
- **The performance of the GDX or the SMH may not correlate with the performance of its respective underlying index (each an "underlying index") as well as its respective net asset value per share or unit, especially during periods of market volatility.** The performance of the GDX or the SMH and that of its respective underlying index generally will vary due to, for example, transaction costs, management fees, certain corporate actions, and timing variances. Moreover, it is also possible that the performance of the GDX or the SMH may not fully replicate or may, in certain circumstances, diverge significantly from the performance of its underlying index. This could be due to, for example, the GDX or the SMH not holding all or substantially all of the underlying assets included in its underlying index and/or holding assets that are not included in its underlying index, the temporary unavailability of certain securities in the secondary market, the performance of any derivative instruments held by the GDX or the SMH, differences in trading hours between the GDX or the SMH (or its respective underlying assets) and its respective underlying index, or other circumstances. This variation in performance is called the "tracking error," and, at times, the tracking error may be significant. In addition, because the shares or units of each of the GDX and the SMH are traded on a securities exchange and are subject to market supply and investor demand, the market price of one share or unit of the GDX or the SMH may differ from its respective net asset value per share or unit; shares or units of the GDX or the SMH may trade at, above, or below its respective net asset value per share or unit. During periods of market volatility, securities held by the GDX or the SMH may be unavailable in the secondary market, market participants may be unable to calculate accurately the respective net asset value per share or unit of the GDX or the SMH and the liquidity of the GDX or the SMH may be adversely affected. Market volatility may also disrupt the ability of market participants to trade shares or units of the GDX or the SMH. Further, market volatility may adversely affect, sometimes materially, the prices at which market participants are willing to buy and sell shares or units of the GDX or the SMH. As a result, under these circumstances, the market value of shares or units of the GDX or the SMH may vary substantially from its respective net asset value per share or unit.
- **The anti-dilution adjustments will be limited.** The calculation agent may adjust the Price Multiplier of each of the GDX or the SMH and other terms of the Notes to reflect certain actions by that Underlying, as described in the section "Description of the Notes—Anti-Dilution and Discontinuance Adjustments Relating to ETFs" in the accompanying product supplement. The calculation agent will not be required to make an adjustment for every event that may affect the GDX or the SMH and will have broad discretion to determine whether and to what extent an adjustment is required.
- **The publisher or the sponsor or investment advisor of an Underlying may adjust that Underlying in a way that affects its values, and the publisher or the sponsor or investment advisor has no obligation to consider your interests.** The publisher or the sponsor or investment advisor of an Underlying can add, delete, or substitute the components included in that Underlying or make other methodological changes that could change its value. Any of these actions could adversely affect the value of your Notes.



Tax-related Risks

- **The U.S. federal income tax consequences of an investment in the Notes are uncertain, and may be adverse to a holder of the Notes.** No statutory, judicial, or administrative authority directly addresses the characterization of the Notes or securities similar to the Notes for U.S. federal income tax purposes. As a result, significant aspects of the U.S. federal income tax consequences of an investment in the Notes are not certain. Under the terms of the Notes, you will have agreed with us to treat the Notes as contingent income-bearing single financial contracts, as described below under "U.S. Federal Income Tax Summary—General." If the Internal Revenue Service (the "IRS") were successful in asserting an alternative characterization for the Notes, the timing and character of income, gain or loss with respect to the Notes may differ. No ruling will be requested from the IRS with respect to the Notes and no assurance can be given that the IRS will agree with the statements made in the section entitled "U.S. Federal Income Tax Summary." **You are urged to consult with your own tax advisor regarding all aspects of the U.S. federal income tax consequences of investing in the Notes.**



The Underlyings

All disclosures contained in this pricing supplement regarding the Underlyings, including, without limitation, their make-up, method of calculation, and changes in their components, have been derived from publicly available sources. The information reflects the policies of, and is subject to change by, the sponsor of the NDXT, the investment advisor of the GDX and the investment advisor of the SMH (collectively, the "Underlying Sponsors"). The Underlying Sponsors, which license the copyright and all other rights to the respective Underlyings, have no obligation to continue to publish, and may discontinue publication of, the Underlyings. The consequences of any Underlying Sponsor discontinuing publication of the applicable Underlying are discussed in "Description of the Notes — Discontinuance of an Index" and "Description of the Notes — Anti-Dilution and Discontinuance Adjustments Relating to ETFs — Discontinuance of or Material Change to an ETF" in the accompanying product supplement. None of us, the Guarantor, the calculation agent, or BofAS accepts any responsibility for the calculation, maintenance or publication of any Underlying or any successor underlying. None of us, the Guarantor, BofAS or any of our other affiliates makes any representation to you as to the future performance of the Underlyings. You should make your own investigation into the Underlyings.

The Nasdaq-100[®] Technology Sector Index

The NDXT is intended to measure the performance of the technology companies in the Nasdaq-100[®] Index ("NDX"). The NDX is designed to measure the performance of the 100 largest domestic and international non-financial securities listed on The Nasdaq Stock Market ("NASDAQ") based on market capitalization. Each issuer of a stock in the NDXT is classified as a Technology company according to the Industry Classification Benchmark ("ICB").

The NDXT began trading on February 22, 2006 at a base value of 1,000.00. The NDXT is calculated and published by The Nasdaq OMX Group, Inc. ("Nasdaq OMX"). In administering the NDXT, Nasdaq OMX will exercise reasonable discretion as it deems appropriate.

Security Eligibility Criteria and Selection

In order to be eligible for the NDXT, a security must be included in the NDX. A company must be classified as a Technology company (any company classified under the Technology Industry) according to the ICB.

All securities that meet the security eligibility criteria are included in the NDXT.

Constituent Weighting

The NDXT is an equal-weighted index. The NDXT is rebalanced quarterly such that all issuers within the NDXT have an equal index market value. The NDXT follows the same reconstitution and rebalance schedule as the NDX. For issuers represented by multiple securities, the index market values are equally apportioned across their respective index securities. Index shares are calculated by dividing each index security's resulting index market value by its last sale price.

NDXT Index Calculation

The value of the NDXT equals the NDXT market value divided by the NDXT divisor. The overall NDXT market value is the aggregate of each NDXT stock's market value, adjusted by the NDXT stock's equal-weighting factor used to assign an equal weight at the previous rebalancing, as may be adjusted for any corporate actions. A NDXT stock's market value is determined by multiplying the last sale price by the number of shares of the index security included in the NDX. In other words, the value of the NDXT is equal to (i) the sum of the products of (a) the index shares of each of the NDXT stocks multiplied by (b) each such stock's last sale price (adjusted for corporate actions, if any) multiplied by (c) such stock's equal weighting factor, divided by (ii) the divisor of the NDXT.

The price return NDXT divisor is calculated as the ratio of (i) the start of day market value of the NDXT divided by (ii) the previous day NDXT value.

If an index security does not trade on the relevant Nasdaq exchange on a given day or the relevant Nasdaq exchange has not opened for trading, the previous index calculation day's closing price for index security (adjusted for corporate actions occurring prior to market open on the current day, if any) is used. If an index security is halted during the trading day, the most recent last sale price is used until trading resumes. For securities where NASDAQ is the relevant Nasdaq exchange, the last sale price may be the Nasdaq Official Closing Price when it is closed.

NDXT Maintenance

Deletion Policy

If a component of the NDXT is removed from the NDX for any reason, it is also removed from the NDXT at the same time.

Replacement Policy

When a component of the NDX that is classified as Technology according to ICB is removed from the NDX, it is also removed from the NDXT. As such, if the replacement company being added to the NDX is classified as Technology according to ICB, it is added to the NDXT and will assume the weight of the removed company on the index effective date.



When a component of the NDX that is not classified as Technology according to ICB is removed and the replacement company being added to the NDX is classified as Technology according to ICB, the replacement company is considered for addition to the NDX at the next quarterly rebalance.

When a component of the NDX that is classified as Technology according to ICB is removed from the NDX and the replacement company being added to the NDX is not classified as Technology according to ICB, the company is removed from the NDX and the divisor of the NDX is adjusted to ensure index continuity.

Additions Policy

If a security is added to the NDX for any reason, it may be added to the NDX at the same time.

Corporate Actions

In the interim periods between scheduled index reconstitution and rebalance events, individual Index securities may be the subject to a variety of corporate actions and events that require maintenance and adjustments to the index.

In certain cases, corporate actions and events are handled according to the weighting scheme or other index construction techniques employed. Wherever alternate methods are described, the index will follow the "Non-Market Cap Corporate Action Method."

Index Share Adjustments

Other than as a direct result of corporate actions, the NDX does not normally experience share adjustments between scheduled index rebalance and reconstitution events.

The Nasdaq-100[®] Index

The NDX is intended to measure the performance of the 100 largest domestic and international non-financial securities listed on NASDAQ based on market capitalization. The NDX reflects companies across major industry groups including computer hardware and software, telecommunications, retail/wholesale trade and biotechnology. It does not contain securities of financial companies including investment companies.

The NDX began trading on January 31, 1985 at a base value of 125.00. The NDX is calculated and published by Nasdaq, Inc. In administering the NDX, Nasdaq, Inc. will exercise reasonable discretion as it deems appropriate.

Underlying Stock Eligibility Criteria

NDX eligibility is limited to specific security types only. The security types eligible for the NDX include foreign or domestic common stocks, ordinary shares, ADRs and tracking stocks. Security types not included in the NDX are closed-end funds, convertible debt securities, exchange traded funds, limited liability companies, limited partnership interests, preferred stocks, rights, shares or units of beneficial interest, warrants, units, and other derivative securities. The NDX does not contain securities of investment companies. For purposes of the NDX eligibility criteria, if the security is a depositary receipt representing a security of a non-U.S. issuer, then references to the "issuer" are references to the issuer of the underlying security.

Initial Eligibility Criteria

To be eligible for initial inclusion in the NDX, a security must be listed on NASDAQ and meet the following criteria:

- the security's U.S. listing must be exclusively on the Nasdaq Global Select Market or the Nasdaq Global Market (unless the security was dually listed on another U.S. market prior to January 1, 2004 and has continuously maintained such listing);
- the security must be of a non-financial company;
- the security may not be issued by an issuer currently in bankruptcy proceedings;
- the security must have a minimum three-month average daily trading volume of at least 200,000 shares;
- if the issuer of the security is organized under the laws of a jurisdiction outside the U.S., then such security must have listed options on a recognized options market in the U.S. or be eligible for listed-options trading on a recognized options market in the U.S.;
- the issuer of the security may not have entered into a definitive agreement or other arrangement which would likely result in the security no longer being eligible for inclusion in the NDX;
- the issuer of the security may not have annual financial statements with an audit opinion that is currently withdrawn;
- and
- the issuer of the security must have "seasoned" on NASDAQ, the New York Stock Exchange or NYSE Amex. Generally, a company is considered to be seasoned if it has been listed on a market for at least three full months (excluding the first month of initial listing).

Continued Eligibility Criteria

In addition, to be eligible for continued inclusion in the NDX, the following criteria apply:

- the security's U.S. listing must be exclusively on the Nasdaq Global Select Market or the Nasdaq Global Market;
- the security must be of a non-financial company;
- the security may not be issued by an issuer currently in bankruptcy proceedings;



- the security must have a minimum three-month average daily trading volume of at least 200,000 shares;
- if the issuer of the security is organized under the laws of a jurisdiction outside the U.S., then such security must have listed options on a recognized options market in the U.S. or be eligible for listed-options trading on a recognized options market in the U.S. (measured annually during the ranking review process);
- the security must have an adjusted market capitalization equal to or exceeding 0.10% of the aggregate adjusted market capitalization of the NDX at each month-end. In the event a company does not meet this criterion for two consecutive month-ends, it will be removed from the NDX effective after the close of trading on the third Friday of the following month; and
- the issuer of the security may not have annual financial statements with an audit opinion that is currently withdrawn.

Computation of the NDX

The value of the NDX equals the aggregate value of the NDX share weights (the "NDX Shares") of each of the NDX securities multiplied by each such security's last sale price (last sale price refers to the last sale price on NASDAQ), and divided by the divisor of the NDX. If trading in an NDX security is halted while the market is open, the last traded price for that security is used for all NDX computations until trading resumes. If trading is halted before the market is open, the previous day's last sale price is used. The formula for determining the NDX value is as follows:

$$\frac{\text{Aggregated Adjusted Market Value}}{\text{Divisor}}$$

The NDX is ordinarily calculated without regard to cash dividends on NDX securities. The NDX is calculated during the trading day and is disseminated once per second from 09:30:01 to 17:16:00 ET. The closing level of the NDX may change up until 17:15:00 ET due to corrections to the last sale price of the NDX securities. The official closing value of the NDX is ordinarily disseminated at 17:16:00 ET.

NDX Maintenance

Changes to NDX Constituents

Changes to the NDX constituents may be made during the annual ranking review. In addition, if at any time during the year other than the annual review, it is determined that an NDX security issuer no longer meets the criteria for continued inclusion in the NDX, or is otherwise determined to have become ineligible for continued inclusion in the NDX, it is replaced with the largest market capitalization issuer not currently in the NDX that meets the applicable eligibility criteria for initial inclusion in the NDX.

Ordinarily, a security will be removed from the NDX at its last sale price. However, if at the time of its removal the NDX security is halted from trading on its primary listing market and an official closing price cannot readily be determined, the NDX security may, in Nasdaq, Inc.'s discretion, be removed at a price of \$0.00000001 ("zero price"). This zero price will be applied to the NDX security after the close of the market but prior to the time the official closing value of the NDX is disseminated.

Divisor Adjustments

The divisor is adjusted to ensure that changes in the NDX constituents either by corporate actions (that adjust either the price or shares of an NDX security) or NDX participation outside of trading hours do not affect the value of the NDX. All divisor changes occur after the close of the applicable index security markets.

Quarterly NDX Rebalancing

The NDX will be rebalanced on a quarterly basis if it is determined that (1) the current weight of the single NDX security with the largest market capitalization is greater than 24.0% of the NDX or (2) the collective weight of those securities whose individual current weights are in excess of 4.5% exceeds 48.0% of the NDX. In addition, a "special rebalancing" of the NDX may be conducted at any time if Nasdaq, Inc. determines it necessary to maintain the integrity and continuity of the NDX. If either one or both of the above weight distribution conditions are met upon quarterly review, or Nasdaq, Inc. determines that a special rebalancing is necessary, a weight rebalancing will be performed.

If the first weight distribution condition is met and the current weight of the single NDX security with the largest market capitalization is greater than 24.0%, then the weights of all securities with current weights greater than 1.0% ("large securities") will be scaled down proportionately toward 1.0% until the adjusted weight of the single largest NDX security reaches 20.0%.

If the second weight distribution condition is met and the collective weight of those securities whose individual current weights are in excess of 4.5% (or adjusted weights in accordance with the previous step, if applicable) exceeds 48.0% of the NDX, then the weights of all such large securities in that group will be scaled down proportionately toward 1.0% until their collective weight, so adjusted, is equal to 40.0%.

The aggregate weight reduction among the large securities resulting from either or both of the rebalancing steps above will then be redistributed to those securities with weightings of less than 1.0% ("small securities") in the following manner. In the first iteration, the weight of the largest small security will be scaled upwards by a factor which sets it equal to the average NDX weight of 1.0%. The weights of each of the smaller remaining small securities will be scaled up by the same factor reduced in relation to each security's relative ranking among the small securities such that the smaller the NDX security



in the ranking, the less its weight will be scaled upward. This is intended to reduce the market impact of the weight rebalancing on the smallest component securities in the NDX.

In the second iteration of the small security rebalancing, the weight of the second largest small security, already adjusted in the first iteration, will be scaled upwards by a factor which sets it equal to the average NDX weight of 1.0%. The weights of each of the smaller remaining small securities will be scaled up by this same factor reduced in relation to each security's relative ranking among the small securities such that, once again, the smaller the security in the ranking, the less its weight will be scaled upward. Additional iterations will be performed until the accumulated increase in weight among the small securities equals the aggregate weight reduction among the large securities that resulted from the rebalancing in accordance with the two weight distribution conditions discussed above.

Finally, to complete the rebalancing process, once the final weighting percentages for each NDX security have been set, the NDX Shares will be determined anew based upon the last sale prices and aggregate capitalization of the NDX at the close of trading on the last calendar day in February, May, August and November. Changes to the NDX Shares will be made effective after the close of trading on the third Friday in March, June, September and December, and an adjustment to the divisor is made to ensure continuity of the NDX. Ordinarily, new rebalanced NDX Shares will be determined by applying the above procedures to the current NDX Shares. However, Nasdaq, Inc. may, from time to time, determine rebalanced weights, if necessary, by applying the above procedure to the actual current market capitalization of the NDX components. In such instances, Nasdaq, Inc. would announce the different basis for rebalancing prior to its implementation.

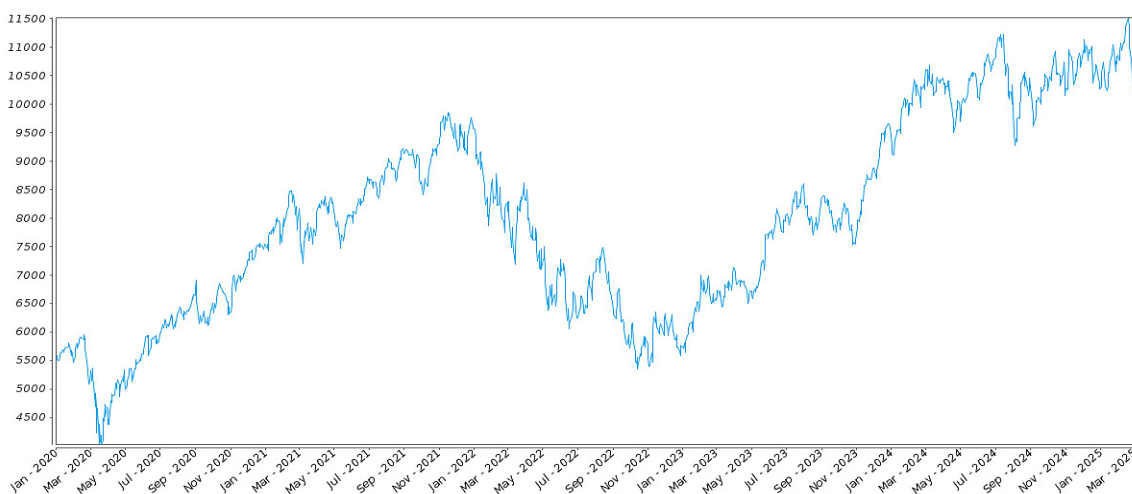
During the quarterly rebalancing, data is cutoff as of the previous month end and no changes are made to the NDX from that cutoff until the quarterly index share change effective date, except in the case of changes due to corporate actions with an ex-date.

Adjustments for Corporate Actions

Changes in the price and/or NDX Shares driven by corporate events such as stock dividends, splits, and certain spin-offs and rights issuances will be adjusted on the ex-date. If the change in total shares outstanding arising from other corporate actions is greater than or equal to 10.0%, the change will be made as soon as practicable. Otherwise, if the change in total shares outstanding is less than 10.0%, then all such changes are accumulated and made effective at one time on a quarterly basis after the close of trading on the third Friday in each of March, June, September, and December. The NDX Shares are derived from the security's total shares outstanding. The NDX Shares are adjusted by the same percentage amount by which the total shares outstanding have changed.

Historical Performance of the NDXT

The following graph sets forth the daily historical performance of the NDXT in the period from January 2, 2020 through March 10, 2025. We obtained this historical data from Bloomberg L.P. We have not independently verified the accuracy or completeness of the information obtained from Bloomberg L.P. On March 10, 2025, the closing level of the NDXT was 9,548.55.



This historical data on the NDXT is not necessarily indicative of the future performance of the NDXT or what the value of the Notes may be. Any historical upward or downward trend in the closing level of the NDXT during any period set forth above is not an indication that the closing level of the NDXT is more or less likely to increase or decrease at any time over the term of the Notes.



Before investing in the Notes, you should consult publicly available sources for the closing levels of the NDXT.

License Agreement

The Notes are not sponsored, endorsed, sold or promoted by Nasdaq, Inc. or its affiliates (Nasdaq, Inc., with its affiliates, are referred to as the "Corporations"). The Corporations have not passed on the legality or suitability of, or the accuracy or adequacy of descriptions and disclosures relating to, the Notes. The Corporations make no representation or warranty, express or implied, to the owners of the Notes or any member of the public regarding the advisability of investing in securities generally or in the Notes particularly, or the ability of the NDXT to track general stock market performance. The Corporations' only relationship to our affiliate, Merrill Lynch, Pierce, Fenner & Smith Incorporated ("Licensee") is in the licensing of the NASDAQ[®], OMX[®], NASDAQ OMX[®], and NDXT registered trademarks, and certain trade names of the Corporations or their licensor and the use of the NDXT which is determined, composed and calculated by Nasdaq, Inc. without regard to Licensee or the Notes. Nasdaq, Inc. has no obligation to take the needs of the Licensee or the owners of the Notes into consideration in determining, composing or calculating the NDXT. The Corporations are not responsible for and have not participated in the determination of the timing of, prices at, or quantities of the Notes to be issued or in the determination or calculation of the equation by which the Notes are to be converted into cash. The Corporations have no liability in connection with the administration, marketing or trading of the Notes.

THE CORPORATIONS DO NOT GUARANTEE THE ACCURACY AND/OR UNINTERRUPTED CALCULATION OF THE NDXT OR ANY DATA INCLUDED THEREIN. THE CORPORATIONS MAKE NO WARRANTY, EXPRESS OR IMPLIED, AS TO RESULTS TO BE OBTAINED BY LICENSEE, OWNERS OF THE NOTES, OR ANY OTHER PERSON OR ENTITY FROM THE USE OF THE NDXT OR ANY DATA INCLUDED THEREIN. THE CORPORATIONS MAKE NO EXPRESS OR IMPLIED WARRANTIES, AND EXPRESSLY DISCLAIM ALL WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR USE WITH RESPECT TO THE NDXT OR ANY DATA INCLUDED THEREIN. WITHOUT LIMITING ANY OF THE FOREGOING, IN NO EVENT SHALL THE CORPORATIONS HAVE ANY LIABILITY FOR ANY LOST PROFITS OR SPECIAL, INCIDENTAL, PUNITIVE, INDIRECT, OR CONSEQUENTIAL DAMAGES, EVEN IF NOTIFIED OF THE POSSIBILITY OF SUCH DAMAGES.



The VanEck[®] Gold Miners ETF

We have derived the following information from publicly available documents published by VanEck ETF Trust (the "Trust") (or, with respect to its underlying index, NYSE Arca).

Information provided to or filed with the SEC relating to the GDx under the Securities Exchange Act of 1934, as amended, can be located by reference to its Central Index Key, or CIK, 0001137360 through the SEC's website at <http://www.sec.gov>. Additional information about the GDx may be obtained from other sources including, but not limited to, press releases, newspaper articles and other publicly disseminated documents. We have not made any independent investigation as to the accuracy or completeness of such information.

The GDx is an investment portfolio maintained, managed and advised by the Trust. The GDx is an exchange traded fund that trades on NYSE Arca under the ticker symbol "GDx." The GDx seeks to provide investment results that correspond generally to the price and yield performance, before fees and expenses, of the NYSE Arca Gold Miners Index (the "Underlying Index"). The GDx utilizes a "passive" or "indexing" investment approach in attempting to track the performance of the Underlying Index by investing in a portfolio of securities that generally replicates the Underlying Index. The GDx will normally invest at least 80% of its total assets in common stocks that comprise the Underlying Index.

The Underlying Index

The Underlying Index is a modified market capitalization weighted index comprised of securities issued by publicly traded companies involved primarily in the mining of gold or silver. The Underlying Index is calculated, maintained and published by ICE Data Indices, LLC ("IDI"), the index sponsor.

Eligibility Criteria for Index Components

The Underlying Index includes common stocks, American Depositary Receipts or Global Depositary Receipts of selected companies that are involved in mining for gold and silver and that are listed for trading and electronically quoted on a major stock market that is accessible by foreign investors. Generally, this includes exchanges in most developed markets and major emerging markets, and includes companies that are cross-listed, i.e., both U.S. and Canadian listings. IDI will use its discretion to avoid exchanges and markets that are considered "frontier" in nature or have major restrictions to foreign ownership. The universe of companies eligible for inclusion in the Underlying Index will specifically include those companies that derive at least 50% of their revenues from gold mining and related activities (40% for companies that are already included in the Underlying Index). Also, the Underlying Index will maintain an exposure to companies with a significant revenue exposure to silver mining in addition to gold mining, which will not exceed 20% of the Underlying Index weight at each rebalance.

Further, both streaming companies and royalty companies are eligible for inclusion in the Underlying Index. Companies that have not yet commenced production are also eligible for inclusion in the Underlying Index, provided that they have tangible revenues that are related to the mining of either gold or silver ore. There are no restrictions imposed on the index universe in how much a particular company has hedged in gold or silver production via futures, options or forward contracts.

Only companies with a market capitalization of greater than \$750 million that have an average daily trading volume of at least 50,000 shares over the past three months and an average daily value traded of at least \$1 million over the past three months are eligible for inclusion in the Underlying Index. A buffer is enforced for companies already in the Underlying Index. For companies already included in the Underlying Index, the market capitalization requirement at each rebalance is \$450 million, the average daily volume requirement is at least 30,000 shares over the past three months and the average daily value traded requirement is at least \$600,000 over the past three months.

IDI has the discretion to not include all companies that meet the minimum criteria for inclusion.

Calculation of the Underlying Index

The Underlying Index is calculated by IDI on a net total return basis. The calculation is based on the current modified market capitalization divided by a divisor. The divisor was determined on the initial capitalization base of the Underlying Index and the base level and may be adjusted as a result of corporate actions and composition changes, as described below. The level of the Underlying Index was set at 500.00 on December 19, 2002, which is the index base date. The Underlying Index is calculated using the following formula:

$$\text{Index(NTR)}_t = \frac{\sum_i P_{i,t} Q_{i,t}}{D_{\text{ntr},t}}$$

Where:

t = Index Calculation Date t;

D_{ntr,t} = the Index Divisor on Index Calculation Date t;

P_{i,t} = Price (in the Index Base Currency) of Index Constituent i on Index Calculation Date t;

Q_{i,t} = number of Shares of Index Constituent i on Index Calculation Date t;



Underlying Index Maintenance

Quarterly Index Rebalances

The Underlying Index is reviewed quarterly so that the selection and weightings of the constituents continues to reflect as closely as possible the Underlying Index's objective of measuring the performance of highly capitalized companies in the gold mining industry. IDI may at any time and from time to time change the number of securities comprising the Underlying Index by adding or deleting one or more securities, or replacing one or more securities contained in the Underlying Index with one or more substitute securities of its choice, if in IDI's discretion such addition, deletion or substitution is necessary or appropriate to maintain the quality and/or character of the Underlying Index. A company will be removed from the Underlying Index during the quarterly review if either (1) its market capitalization falls below \$450 million or (2) its average daily trading volume for the previous three months is less than 30,000 shares and its average daily traded value for the previous three months is less than \$600,000.

Weightings at Quarterly Index Rebalances

At the time of the quarterly rebalance, the component security weights (also referred to as the multiplier or share quantities of each component security) will be modified to conform to the following asset diversification requirements:

1. the weight of any single component security may not account for more than 20% of the total value of the Underlying Index;
2. the component securities are split into two subgroups-large and small, which are ranked by unadjusted market capitalization weight in the Underlying Index. Large securities are defined as having a starting index weight greater than or equal to 5%. Small securities are defined as having a starting index weight below 5%; and
3. the final aggregate weight of those component securities which individually represent more than 4.5% of the total value of the Underlying Index may not account for more than 45% of the total index value.

The weights of the components securities (taking into account expected component changes and share adjustments) are modified in accordance with the Underlying Index's diversification rules.

Diversification Rule 1: If any component stock exceeds 20% of the total value of the Underlying Index, then all stocks greater than 20% of the Underlying Index are reduced to represent 20% of the value of the Underlying Index. The aggregate amount by which all component stocks are reduced is redistributed proportionately across the remaining stocks that represent less than 20% of the index value. After this redistribution, if any other stock then exceeds 20%, the stock is set to 20% of the index value and the redistribution is repeated.

Diversification Rule 2: The components are sorted into two groups, large are components with a starting index weight of 5% or greater and small are components with a weight of under 5% (after any adjustments for Diversification Rule 1). If there are no components that classify as large components after Diversification Rule 1 is run, then Diversification Rule 2 is not executed. Alternatively, if the starting aggregate weight of the large components after Diversification Rule 1 is run is not greater than 45% of the starting index weight, then Diversification Rule 2 is not executed. If Diversification Rule 2 is executed, then the large group will represent in the aggregate 45% and the small group will represent 55% in the aggregate of the final index weight. This will be adjusted through the following process: The weight of each of the large stocks will be scaled down proportionately (with a floor of 5%) so that the aggregate weight of the large components will be reduced to represent 45% of the Underlying Index. If any large component stock falls below a weight equal to the product of 5% and the proportion by which the stocks were scaled down following this distribution, then the weight of the stock is set equal to 5% and the components with weights greater than 5% will be reduced proportionately. The weight of each of the small components will be scaled up proportionately from the redistribution of the large components. If any small component stock exceeds a weight equal to the product of 4.5% and the proportion by which the stocks were scaled down following this distribution, then the weight of the stock is set equal to 4.5%. The redistribution of weight to the remaining stocks is repeated until the entire amount has been redistributed.

Changes to the Underlying Index composition and/or the component security weights in the Underlying Index are determined and announced prior to taking effect. These changes typically become effective after the close of trading on the third Friday of each calendar quarter month in connection with the quarterly index rebalance.

Corporate Action-Related Adjustments

The Underlying Index may be adjusted in order to maintain the continuity of the index level and the composition. The underlying aim is that the index continues to reflect as closely as possible the value of the underlying portfolio. Adjustments take place in reaction to events that occur with constituents, in order to mitigate or eliminate the effect of that event on the Underlying Index.

The Index Divisor will be adjusted for corporate actions and any additions, deletions and share changes, as described in more detail below. The Index Divisor is calculated as follows:



$$D_{ntr,t} = \frac{\sum_i APC_{i,t} Q_t}{\text{Index(NTR)}_{t-1}}$$

Where:

t = Index Calculation Date t;

$D_{ntr,t}$ = the Index Divisor on Index Calculation Date t;

$APC_{i,t}$ = the Adjusted Previous Close Price (for net dividends going ex-dividend on Index Calculation Date t and corporate actions, and denominated in the Index Base Currency) of Index Constituent i on Index Calculation Date t;

$Q_{i,t}$ = number of Shares of Index Constituent i on Index Calculation Date t;

Index(NTR)_{t-1} = the Underlying Index Level from Date t-1;

Adjustments take place in reaction to events that occur with constituents in order to mitigate or eliminate the effect of that event on the performance of the Underlying Index as follow:

- (1) *Removal of constituents.* Any stock deleted from the Underlying Index as a result of a corporate action such as a merger, acquisition, spin-off, delisting or bankruptcy is typically not replaced with a new constituent. The total number of stocks in the Underlying Index is reduced by one every time a company is deleted. In certain circumstances, IDI may decide to add another constituent into the Underlying Index as a result of the pending removal of a current constituent. If a company is removed from the Underlying Index, the divisor will be adapted to maintain the index level.
 - a. Mergers and acquisitions. In the event that a merger or acquisition occurs between members of the Underlying Index, the acquired company is deleted and its market capitalization moves to the acquiring company's stock. In the event that only one of the parties to a merger or acquisition is a member of the Underlying Index, an acquiring member of the Underlying Index continues as a member of the Underlying Index and its shares will be adjusted at the next rebalance while an acquired member of the Underlying Index is removed from the Underlying Index and its market capitalization redistributed proportionately across the remaining constituents via a divisor adjustment, and the acquiring company may be considered for inclusion at the next rebalance.
 - b. Suspensions and company distress. Immediately upon a company's filing for bankruptcy, an announcement will be made to remove the constituent from the Underlying Index effective for the next trading day. If the constituent is trading on an over-the-counter market, the last trade or price on that market is utilized as the deletion price on that day. If the stock does not trade on the relevant exchange between the bankruptcy announcement and the current index business day, the stock may be deleted from the Underlying Index with a presumed market value of \$0.
 - c. Split-up / spin-off. The closing price of the index constituent is adjusted by the value of the spin-off and the shares of the index constituent will not be adjusted.
- (2) *Dividends.* The Underlying Index will be adjusted for dividends that are special. To determine whether a dividend should be considered a special dividend, the compiler will use the following criteria: (a) the declaration of a dividend additional to those dividends declared as part of a company's normal results and dividend reporting cycle; or (b) the identification of an element of a dividend paid in line with a company's normal results and dividend reporting cycle as an element that is unambiguously additional to the company's normal payment.
- (3) *Rights issues and other rights.* In the event of a rights issue, the price is adjusted for the value of the right before the open on the ex-date, and the shares are increased to maintain the constituent's existing weighting within the Underlying Index. The adjustment assumes that the rights issue is fully subscribed. The amount of the price adjustment is determined from the terms of the rights issue, including the subscription price, and the price of the underlying security. IDI shall only enact adjustments if the rights represent a positive value, or are in-the-money, or, alternatively, represent or can be converted into a tangible cash value.
- (4) *Bonus issues, stock splits and reverse stock splits.* For bonus issues, stock splits and reverse stock splits, the number of shares included in the Underlying Index will be adjusted in accordance with the ratio given in the corporate action. Since the event won't change the value of the company included in the Underlying Index, the divisor will not be changed because of this.
- (5) *Changes in number of shares.* Changes in the number of shares outstanding, typically due to share repurchases, tenders or offerings, will not be reflected in the Underlying Index.

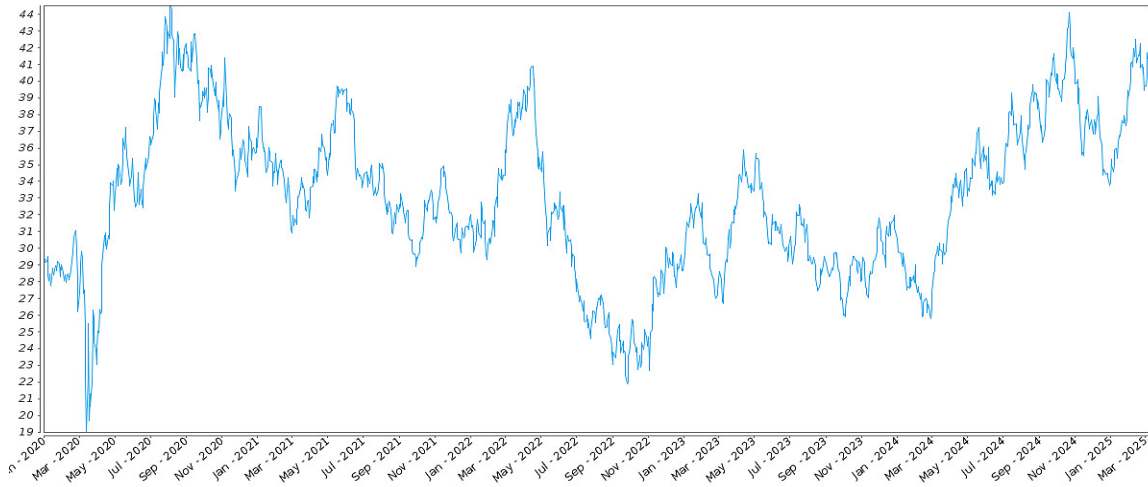
Other Adjustments

In cases not expressly covered by the rules governing the Underlying Index, operational adjustments will take place along the lines of the aim of the Underlying Index. Operational adjustments may also take place if, in IDI's opinion, it is desirable to do so to maintain a fair and orderly market in derivatives on the Underlying Index and/or is in the best interests of the investors in products based on the Underlying Index and/or the proper functioning of the markets. Any such modifications or exercise of expert judgment will also be governed by any applicable policies, procedures and guidelines in place by IDI at such time.



Historical Performance of the GDX

The following graph sets forth the daily historical performance of the GDX in the period from January 2, 2020 through March 10, 2025. We obtained this historical data from Bloomberg L.P. We have not independently verified the accuracy or completeness of the information obtained from Bloomberg L.P. On March 10, 2025, the Closing Market Price of the GDX was \$40.51.



This historical data on the GDX is not necessarily indicative of the future performance of the GDX or what the value of the Notes may be. Any historical upward or downward trend in the Closing Market Price of the GDX during any period set forth above is not an indication that the Closing Market Price of the GDX is more or less likely to increase or decrease at any time over the term of the Notes.

Before investing in the Notes, you should consult publicly available sources for the Closing Market Prices and trading pattern of the GDX.



The VanEck[®] Semiconductor ETF

The SMH is an exchange-traded fund that trades on the NYSE Arca, Inc. under the ticker symbol "SMH." The SMH seeks to replicate as closely as possible, before fees and expenses, the price and yield performance of the MVIS[®] US Listed Semiconductor 25 Index ("MVSMH"). For more information about the MVSMH, please see "The MVIS[®] US Listed Semiconductor 25 Index" below.

The SMH, using a "passive" or indexing investment approach, attempts to approximate the investment performance of the MVSMH by investing in a portfolio of securities that generally replicates the MVSMH.

The SMH's return may not match the return of the MVSMH for a number of reasons. For example, the SMH incurs a number of operating expenses not applicable to the MVSMH and incurs costs associated with buying and selling securities, especially when rebalancing the SMH's securities holdings to reflect changes in the composition of the MVSMH, which are not factored into the return of the MVSMH. Transaction costs, including brokerage costs, will decrease the SMH's net asset value to the extent not offset by the transaction fee payable by an authorized participant. Market disruptions and regulatory restrictions could have an adverse effect on the SMH's ability to adjust its exposure to the required levels in order to track the MVSMH. Errors in the MVSMH data, the MVSMH computations and/or the construction of the MVSMH in accordance with its methodology may occur from time to time and may not be identified and corrected by the MVSMH provider for a period of time or at all, which may have an adverse impact on the SMH and its shareholders. In addition, the SMH may not invest in certain securities included in the MVSMH, or invest in them in the exact proportions in which they are represented in the MVSMH. The SMH's performance may also deviate from the return of the MVSMH due to legal restrictions or limitations imposed by the governments of certain countries, certain listing standards of the SMH's listing exchange, a lack of liquidity on stock exchanges in which the securities trade, potential adverse tax consequences or other regulatory reasons (such as diversification requirements). The SMH may value certain of its investments and/or other assets based on fair value prices. To the extent the SMH calculates its net asset value based on fair value prices and the value of the MVSMH is based on securities' closing prices (i.e., the value of the MVSMH is not based on fair value prices), the SMH's ability to track the MVSMH may be adversely affected. In addition, any issues the SMH encounters with regard to currency convertibility (including the cost of borrowing funds, if any) and repatriation may also increase tracking risk. In light of the factors discussed above, the SMH's return may deviate significantly from the return of the MVSMH. Changes to the composition of the MVSMH in connection with a rebalancing or reconstitution of the MVSMH may cause the SMH to experience increased volatility, during which time the SMH's index tracking risk may be heightened.

The MVIS[®] US Listed Semiconductor 25 Index

All information contained in this pricing supplement regarding the MVSMH, including, without limitation, its make-up, method of calculation and changes in its components, from publicly available information, without independent verification. This information reflects the policies of, and is subject to change by, MV Index Solutions GmbH ("MVIS"). The MVSMH was developed by MVIS and is maintained and published by MVIS. The MVSMH is calculated by Solactive AG. MVIS has no obligation to continue to publish, and may discontinue the publication of, the MVSMH.

The MVSMH is reported by Bloomberg L.P. under the ticker symbol "MVSMH."

The MVSMH is designed to track the performance of the largest and most liquid U.S.-listed companies that derive at least 50% (25% for current components) of their revenues from semiconductors. This includes companies engaged primarily in the production of semiconductors and semiconductor equipment. The MVSMH was launched on August 12, 2011 with a base index value of 1,000 as of September 29, 2000.

Index Composition and Maintenance

The Index Universe

The index universe includes only common stocks and stocks with similar characteristics from financial markets that are freely investable for foreign investors and that provide real-time and historical component and currency pricing. Limited partnerships are excluded. Companies from financial markets that are not freely investable for foreign investors or that do not provide real-time and historical component and currency pricing may still be eligible if they have a listing on an eligible exchange and if they meet all the size and liquidity requirements on that exchange.

Only stocks that have a full market capitalization exceeding US\$50 million are eligible for the index universe.

Investable Index Universe

Companies with a free-float (or shares available to foreign investors) of less than 5% for existing index components or less than 10% for new components are ineligible for inclusion.

In addition to the above, stocks that are currently not in the MVSMH must meet the following size and liquidity requirements:

- a full market capitalization exceeding US\$150 million;
- a three-month average-daily-trading volume of at least US\$1 million at the current review and also at the previous two reviews; and
- at least 250,000 shares traded per month over the last six months at the current review and also at the previous two reviews.

For stocks already in the MVSMH the following applies:



- a full market capitalization exceeding US\$75 million; and
- a three-month average-daily-trading volume of at least US\$0.2 million in at least two of the latest three quarters (current review and also at previous two reviews)
- In addition, a three-month average-daily-trading volume of at least US\$0.6 million at current review or at one of the previous two reviews; or
- at least 200,000 shares traded per month over the last six months at the current review or at one of the previous two reviews.

In case the number of investable stocks drops below the minimum component number for the respective index, current components remain investable.

Only one share line of each company is eligible. In case more than one share line fulfills the above size and liquidity rules, only the largest share line by free-float market capitalization is eligible. MVIS can, in exceptional cases (e.g., significantly higher liquidity), decide for a different share line.

In case the free-float market capitalization of a non-component share line:

- exceeds the free-float market capitalization of a share line of the same company which is an index component by at least 25%; and
- fulfills all size and liquidity eligibility criteria for non-components,
- the current component share line will be replaced by the larger one. MVIS can, in exceptional cases (e.g., significantly higher liquidity), decide to keep the current share line instead.

Index Constituent Selection

The MVSMH is reviewed on a semi-annual basis in March and September.

The target coverage of the MVSMH is 25 companies from the investable universe. MVSMH constituents are selected using the following procedure:

- (1) The largest 50 stocks (by full market capitalization) from the investable universe qualify.
- (2) The 50 stocks are ranked in two different ways — by free-float market capitalization in descending order (the largest company receives rank “1”) and then by three-month average-daily-trading volume in descending order (the most liquid company receives rank “1”). These two ranks are added up.
- (3) The 50 stocks are then ranked by the sum of their two ranks in Step 2 in ascending order. If two companies have the same sum of ranks, the larger company is placed on top.
 - a. Initially, the highest ranked 25 companies made up the MVSMH.
 - b. On-going, a 10-40 buffer is applied: the highest ranked 10 companies qualify. The remaining 15 companies are selected from the highest ranked remaining current MVSMH components ranked between 11 and 40. If the number of selected companies is still below 25, then the highest ranked remaining stocks are selected until 25 companies have been selected.

Review Schedule

The reviews for the MVSMH are based on the closing data on the last business day in February and August. If a company does not trade on the last business day in February or August, the last available price for this company will be used.

The underlying index data (e.g., new number of shares, new free-float factors and new weighting cap factors) is announced on the second Friday in March or September. The weighting cap factors are based on closing data of the Wednesday prior to the second Friday in March or September. Changes to the MVSMH are implemented and based on the closing prices of the third Friday in March or September. If the third Friday is not a business day, then the review will take place on the last business day before the third Friday. If a constituent of the MVSMH does not trade on the third Friday in March or September, then the last available price for that index constituent will be used. Changes become effective on the next business day. The component changes to the MVSMH are announced on the second Friday in March or September.

Ongoing Maintenance

In addition to the periodic reviews, the MVSMH is continually reviewed for corporate events (e.g., mergers, takeovers, spin-offs, delistings and bankruptcies) that affect the MVSMH components.

Deletions. For all corporate events that result in a stock deletion from the MVSMH, the deleted stock will be replaced with the highest ranked non-component on the most recent selection list immediately only if the number of components in the MVSMH would drop below 20. The replacement stock will be added at the same weight as the deleted stock. Only in case the number of components drop below its minimum due to a merger of two or more index components, the replacement stock will be added with its free-float market capitalization, weighted with the capping factor of the uncapped components in the small-weight group of the weighting scheme. In all other cases (i.e., there is not replacement), the additional weight resulting from the deletion will be redistributed proportionally across all other components of the MVSMH.

Changes to Free-Float Factor and Number of Shares. Changes to the number of shares or the free-float factors due to corporate actions like stock dividends, splits, rights issues, etc. are implemented immediately and will be effective the next trading day (i.e., the ex-date). Simple share/float changes are implemented after a 3-day notice period.

Initial Public Offerings (IPOs) and Spin-Offs. An IPO stock is eligible for fast-track addition to the index universe for the MVSMH once; either at the next



semi-annual review if it has been trading since at least the last trading day of the month prior to the review snapshot dates (i.e., the last trading day in February or August) or else at the then-following semi-annual review. In order to be added to the MVSMH the IPO stock has to meet the size and liquidity requirements:

- the IPO must have a full market capitalization exceeding US\$150 million;
- the IPO must have a free-float factor of at least 10%;
- the IPO must have an average-daily-trading volume of at least US\$1 million; and
- the IPO must have traded at least 250,000 shares per month (or per 22 days).

This rule is applicable for newly spun-off companies as well.

Changes due to Mergers & Takeovers. A merger or takeover is deemed successful if it has been declared wholly unconditional and has received approval of all regulatory agencies with jurisdiction over the transaction. The result of a merger or takeover is typically one surviving stock and one or more non-surviving stocks that may not necessarily be de-listed from the respective trading system(s).

If a MVSMH component merges with or takes over another MVSMH component: The surviving stock remains in the MVSMH and the other stock is deleted immediately from the MVSMH. Its shares and float are adjusted according to the terms of the merger/takeover. The index market capitalization of the merged company corresponds to the market capitalization of the two separate companies.

If a MVSMH component merges with or takes over a non-MVSMH component: If the surviving stock meets the MVSMH requirements, then it remains in the MVSMH and its shares (if the share change is greater than 10%) and float are adjusted according to the terms of the merger/takeover. If the surviving stock does not meet the MVSMH requirements, then it is deleted immediately from the MVSMH.

If a non-MVSMH component merges with or takes over a MVSMH component: If the surviving stock meets the MVSMH requirements, then it will be added to the MVSMH (shares (if the share change is greater than 10%) and float adjusted according to the terms of the merger/takeover) and will replace the current MVSMH component. If the surviving stock does not meet the MVSMH requirements, then it will not be added to the MVSMH and the current MVSMH component is deleted immediately from the MVSMH.

Changes due to Spin-Offs. Each spin-off stock is immediately added to the MVSMH for at least two trading days. If a spin-off company does not qualify for the MVSMH, it will be deleted based on its closing price. Shares and floats of the surviving companies are adjusted according to the terms of the spin-off. In case the number of MVSMH components drops below the minimum component number and no non-component stock is eligible as a replacement, the determination of the addition is subject to MVIS's decision.

Index Calculation

The value of the MVSMH is calculated using the Laspeyres' formula, rounded to two decimal places, with stock prices converted to U.S. dollars:

$$\text{Index Value} = \frac{\sum_{i=1}^n p_i \times q_i \times ff_i \times cf_i \times fx_i}{D} = \frac{M}{D}$$

where (for all stocks (i) in the MVSMH):

- p_i = stock price (rounded to four decimal places);
- q_i = number of shares;
- ff_i = free-float factor (rounded to two decimal places);
- fx_i = exchange rate (local currency to U.S. Dollar) (rounded to 12 decimal places);
- cf_i = sector-weighting cap factor (if applicable, otherwise set to 1) (rounded to 16 decimal places);
- M = free-float market capitalization of the MVSMH; and
- D = divisor (rounded to six decimal places).

Free-Float

The MVSMH is free-float adjusted — that is, the number of shares outstanding is reduced to exclude closely held shares (amount larger than 5% of the company's full market capitalization) from the index calculation. At times, other adjustments are made to the share count to reflect foreign ownership limits. These are combined with the block-ownership adjustments into a single factor. To avoid unwanted double counting, either the block-ownership adjustment or the restricted stocks adjustment is applied, whichever produces the higher result. Free-float factors are reviewed quarterly.

Company-Weighting Cap Factors

Companies in the MVSMH are weighted according to their free-float market capitalization, as modified by the company-weighting cap factors. The MVSMH used the company-weighting cap factors to ensure diversification to avoid overweighting. The company-weighting cap factors are reviewed quarterly and applied, if necessary. The following weighting scheme applies to the MVSMH:

- (1) All MVSMH components are weighted by their free-float market capitalization.
- (2) All companies exceeding 4.5% but at least the largest five and at the maximum the largest 10 companies are grouped together (so called



“Large-Weights”). All other companies are grouped together as well (so called “Small-Weights”).

- (3) The aggregated weighting of the Large-Weights is capped at 50%:
- Large-Weights: If the aggregated weighting of all companies in Large-Weight exceeds 50%, then a capping factor is calculated to bring the weighting down to 50%; at the same time, a second capping factor for the Small-Weights is calculated to increase the aggregated weight to 50%. These two factors are then applied to all companies in the Large-Weights or the Small-Weights respectively.
 - Large-Weights: The maximum weight for any single stock is 20% and the minimum weighting is 5%. If a stock is above the maximum or below the minimum weight, then the weight will be reduced to the maximum weight or increased to the minimum weight and the excess weight will be re-distributed proportionally across all other remaining MVSMH constituents in the Large-Weights.
 - Small-Weights: The maximum weight for any single stock is 4.5%. If a stock is above the maximum weight, then the weight will be reduced to the maximum weight and the excess weight will be re-distributed proportionally across all other remaining MVSMH constituents in the Small-Weights.

Divisor Adjustments

Index maintenance (reflecting changes in, e.g., shares outstanding, capital actions, addition or deletion of stocks to the MVSMH) should not change the level of the MVSMH. This is accomplished with an adjustment to the divisor. Any change to the stocks in the MVSMH that alters the total market value of the MVSMH while holding stock prices constant will require a divisor adjustment.

$$\text{Divisor}_{\text{new}} = \text{Divisor}_{\text{old}} \times \frac{\sum_{i=1}^n p_i \times q_i \times ff_i \times cf_i \times fx_i \pm \Delta MC}{\sum_{j=1}^n p_j \times q_j \times ff_j \times cf_j \times fx_j}$$

where ΔMC is the difference between closing market capitalization and adjusted closing market capitalization of the MVSMH.

Data Correction

Incorrect or missing input data will be corrected immediately.

Corporate Action Related Adjustments

Corporate actions range widely from routine share issuances or buy backs to unusual events like spin-offs or mergers. These are listed on the table below with notes about the necessary changes and whether the divisor will be adjusted. Implementation takes place on the ex-date.

Special cash dividend

$p_i, \text{adjusted} = p_i - (\text{Dividend} \times (1 - \text{Withholding Tax}))$

Divisor change:
Yes

Split

Shareholders receive “B” new shares for every “A” share held.

Divisor change:
No

$$p_{i,\text{adjusted}} = p_i \times \frac{A}{B}$$

$$q_{i,\text{adjusted}} = q_i \times \frac{B}{A}$$

Rights offering

Shareholders receive “B” new shares for every “A” share held.

Divisor change:
No

If the subscription-price is either not available or not smaller than the closing price, then no adjustment will be done.

$$p_{i,\text{adjusted}} = \frac{(p_i \times A) + (\text{Subscription Price} \times B)}{(A + B)}$$

$$q_{i,\text{adjusted}} = q_i \times \frac{(A + B)}{A}$$



Stock dividend

Shareholders receive "B" new shares for every "A" share held.

Divisor change:
No

$$P_{i,adjusted} = P_i \times \frac{A}{(A + B)}$$

$$Q_{i,adjusted} = Q_i \times \frac{(A + B)}{A}$$

Stock dividend from treasury

Stock dividends from treasury are adjusted as ordinary cash dividends. Shareholders receive 'B' new shares for every 'A' share held.

Divisor change:
Yes

$$P_{i,adjusted} = P_i - \frac{(P_i \times B)}{(A + B)}$$

Stock dividend of a different company security

Shareholders receive "B" shares of a different company for every "A" share held.

Divisor change:
Yes

$$P_{i,adjusted} = P_i - \frac{(P_i \times A) - (\text{Price of Different Security} \times B)}{A}$$

Spin-offs

Shareholders receive "B" shares of a different company for every "A" share held.

Divisor change:
Yes

$$P_{i,adjusted} = P_i - \frac{(P_i \times A) - (\text{Price of Spun - off Security} \times B)}{A}$$

Addition/deletion of a company

Net change in market value determines the divisor adjustment.

Divisor change:
Yes

Changes in shares outstanding/free-float

Any secondary issuance, share repurchase, buy back, tender offer, Dutch auction, exchange offer, bought deal equity offering or prospectus offering will be updated at the semi-annual review if the change is smaller than 10%. Changes larger than 10% will be pre-announced (3 trading days' notice) and implemented on a best efforts basis. If necessary and information is available, resulting float changes are taken into consideration. Share changes will not be implemented in the week between review announcement and implementation.

Divisor change:
Yes

Changes due to a merger/takeover/spin-off

Net change in free-float market value determines the divisor adjustment. In case of no change, the divisor change is 0.

Divisor change:
Yes

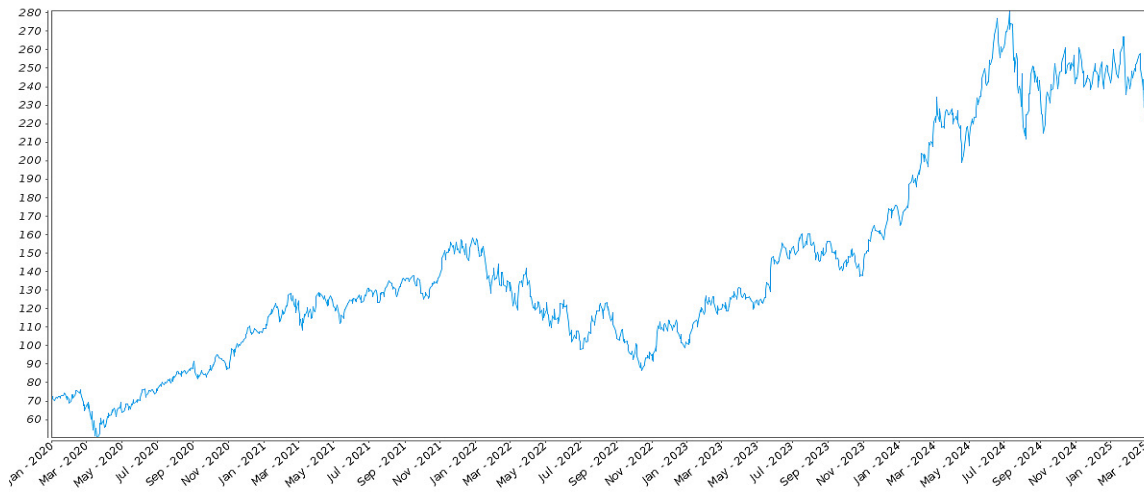
With corporate actions where cash dividends or other corporate assets are distributed to shareholders, the price of the stock will drop on the ex-dividend day (the first day when a new shareholder is eligible to receive the distribution). The effect of the divisor adjustment is to prevent this price drop from causing a corresponding drop in the MVSMH.

Corporate actions are announced at least four days prior to implementation.



Historical Performance of the SMH

The following graph sets forth the daily historical performance of the SMH in the period from January 2, 2020 through March 10, 2025. We obtained this historical data from Bloomberg L.P. We have not independently verified the accuracy or completeness of the information obtained from Bloomberg L.P. On March 10, 2025, the Closing Market Price of the SMH was \$214.53.



This historical data on the SMH is not necessarily indicative of the future performance of the SMH or what the value of the Notes may be. Any historical upward or downward trend in the Closing Market Price of the SMH during any period set forth above is not an indication that the Closing Market Price of the SMH is more or less likely to increase or decrease at any time over the term of the Notes.

Before investing in the Notes, you should consult publicly available sources for the Closing Market Prices and trading pattern of the SMH.



Supplement to the Plan of Distribution; Role of BofAS and Conflicts of Interest

BofAS, a broker-dealer affiliate of ours, is a member of the Financial Industry Regulatory Authority, Inc. ("FINRA") and will participate as selling agent in the distribution of the Notes. Accordingly, the offering of the Notes will conform to the requirements of FINRA Rule 5121. BofAS may not make sales in this offering to any of its discretionary accounts without the prior written approval of the account holder.

We expect to deliver the Notes against payment therefor in New York, New York on a date that is greater than one business day following the pricing date. Under Rule 15c6-1 of the Securities Exchange Act of 1934, trades in the secondary market generally are required to settle in one business day, unless the parties to any such trade expressly agree otherwise. Accordingly, if the initial settlement of the Notes occurs more than one business day from the pricing date, purchasers who wish to trade the Notes more than one business day prior to the original issue date will be required to specify alternative settlement arrangements to prevent a failed settlement.

Under our distribution agreement with BofAS, BofAS will purchase the Notes from us as principal at the public offering price indicated on the cover of this pricing supplement, less the indicated underwriting discount, if any. BofAS will sell the Notes to other broker-dealers that will participate in the offering and that are not affiliated with us, at an agreed discount to the principal amount. Each of those broker-dealers may sell the Notes to one or more additional broker-dealers. BofAS has informed us that these discounts may vary from dealer to dealer and that not all dealers will purchase or repurchase the Notes at the same discount. Certain dealers who purchase the Notes for sale to certain fee-based advisory accounts may forgo some or all of their selling concessions, fees or commissions. The public offering price for investors purchasing the Notes in these fee-based advisory accounts may be as low as \$970.00 per \$1,000.00 in principal amount of Notes.

BofAS and any of our other broker-dealer affiliates may use this pricing supplement and the accompanying product supplement, prospectus supplement and prospectus for offers and sales in secondary market transactions and market-making transactions in the Notes. However, they are not obligated to engage in such secondary market transactions and/or market-making transactions. These broker-dealer affiliates may act as principal or agent in these transactions, and any such sales will be made at prices related to prevailing market conditions at the time of the sale.

At BofAS's discretion, for a short, undetermined initial period after the issuance of the Notes, BofAS may offer to buy the Notes in the secondary market at a price that may exceed the initial estimated value of the Notes. Any price offered by BofAS for the Notes will be based on then-prevailing market conditions and other considerations, including the performance of the Underlyings and the remaining term of the Notes. However, none of us, the Guarantor, BofAS or any of our other affiliates is obligated to purchase your Notes at any price or at any time, and we cannot assure you that any party will purchase your Notes at a price that equals or exceeds the initial estimated value of the Notes.

Any price that BofAS may pay to repurchase the Notes will depend upon then prevailing market conditions, the creditworthiness of us and the Guarantor, and transaction costs. At certain times, this price may be higher than or lower than the initial estimated value of the Notes.

European Economic Area and United Kingdom

None of this pricing supplement, the accompanying product supplement, the accompanying prospectus or the accompanying prospectus supplement is a prospectus for the purposes of the Prospectus Regulation (as defined below). This pricing supplement, the accompanying product supplement, the accompanying prospectus and the accompanying prospectus supplement have been prepared on the basis that any offer of Notes in any Member State of the European Economic Area (the "EEA") or in the United Kingdom (each, a "Relevant State") will only be made to a legal entity which is a qualified investor under the Prospectus Regulation ("Qualified Investors"). Accordingly any person making or intending to make an offer in that Relevant State of Notes which are the subject of the offering contemplated in this pricing supplement, the accompanying product supplement, the accompanying prospectus and the accompanying prospectus supplement may only do so with respect to Qualified Investors. Neither BofA Finance nor BAC has authorized, nor does it authorize, the making of any offer of Notes other than to Qualified Investors. The expression "Prospectus Regulation" means Regulation (EU) 2017/1129.

PROHIBITION OF SALES TO EEA AND UNITED KINGDOM RETAIL INVESTORS – The Notes are not intended to be offered, sold or otherwise made available to and should not be offered, sold or otherwise made available to any retail investor in the EEA or in the United Kingdom. For these purposes: (a) a retail investor means a person who is one (or more) of: (i) a retail client as defined in point (11) of Article 4(1) of Directive 2014/65/EU, as amended ("MiFID II"); or (ii) a customer within the meaning of Directive (EU) 2016/97 (the Insurance Distribution Directive) where that customer would not qualify as a professional client as defined in point (10) of Article 4(1) of MiFID II; or (iii) not a qualified investor as defined in the Prospectus Regulation; and (b) the expression "offer" includes the communication in any form and by any means of sufficient information on the terms of the offer and the Notes to be offered so as to enable an investor to decide to purchase or subscribe for the Notes. Consequently no key information document required by Regulation (EU) No 1286/2014, as amended (the "PRIIPs Regulation") for offering or selling the Notes or otherwise making them available to retail investors in the EEA or in the United Kingdom has been prepared and therefore offering or selling the Notes or otherwise making them available to any retail investor in the EEA or in the United Kingdom may be unlawful under the PRIIPs Regulation.

United Kingdom

The communication of this pricing supplement, the accompanying product supplement, the accompanying prospectus supplement, the accompanying



prospectus and any other document or materials relating to the issue of the Notes offered hereby is not being made, and such documents and/or materials have not been approved, by an authorized person for the purposes of Section 21 of the United Kingdom's Financial Services and Markets Act 2000, as amended (the "FSMA"). Accordingly, such documents and/or materials are not being distributed to, and must not be passed on to, the general public in the United Kingdom. The communication of such documents and/or materials as a financial promotion is only being made to those persons in the United Kingdom who have professional experience in matters relating to investments and who fall within the definition of investment professionals (as defined in Article 19(5) of the Financial Services and Markets Act 2000 (Financial Promotion) Order 2005, as amended (the "Financial Promotion Order")), or who fall within Article 49(2)(a) to (d) of the Financial Promotion Order, or who are any other persons to whom it may otherwise lawfully be made under the Financial Promotion Order (all such persons together being referred to as "Relevant Persons"). In the United Kingdom, the Notes offered hereby are only available to, and any investment or investment activity to which this pricing supplement, the accompanying product supplement, the accompanying prospectus supplement and the accompanying prospectus relates will be engaged in only with, Relevant Persons. Any person in the United Kingdom that is not a relevant person should not act or rely on this pricing supplement, the accompanying product supplement, the accompanying prospectus supplement or the accompanying prospectus or any of their contents.

Any invitation or inducement to engage in investment activity (within the meaning of Section 21 of the FSMA) in connection with the issue or sale of the Notes may only be communicated or caused to be communicated in circumstances in which Section 21(1) of the FSMA does not apply to BofA Finance, as Issuer, or BAC, as Guarantor.

All applicable provisions of the FSMA must be complied with in respect to anything done by any person in relation to the Notes in, from or otherwise involving the United Kingdom.



Structuring the Notes

The Notes are our debt securities, the return on which is linked to the performance of the Underlyings. The related guarantee is BAC's obligation. As is the case for all of our and BAC's respective debt securities, including our market-linked notes, the economic terms of the Notes reflect our and BAC's actual or perceived creditworthiness at the time of pricing. In addition, because market-linked notes result in increased operational, funding and liability management costs to us and BAC, BAC typically borrows the funds under these types of notes at a rate, which we refer to in this pricing supplement as BAC's internal funding rate, that is more favorable to BAC than the rate that it might pay for a conventional fixed or floating rate debt security. This generally relatively lower internal funding rate, which is reflected in the economic terms of the Notes, along with the fees and charges associated with market-linked notes, typically results in the initial estimated value of the Notes on the pricing date being less than their public offering price.

In order to meet our payment obligations on the Notes, at the time we issue the Notes, we may choose to enter into certain hedging arrangements (which may include call options, put options or other derivatives) with BofAS or one of our other affiliates. The terms of these hedging arrangements are determined based upon terms provided by BofAS and its affiliates, and take into account a number of factors, including our and BAC's creditworthiness, interest rate movements, the volatility of the Underlyings, the tenor of the Notes and the hedging arrangements. The economic terms of the Notes and their initial estimated value depend in part on the terms of these hedging arrangements.

BofAS has advised us that the hedging arrangements will include hedging related charges, reflecting the costs associated with, and our affiliates' profit earned from, these hedging arrangements. Since hedging entails risk and may be influenced by unpredictable market forces, actual profits or losses from these hedging transactions may be more or less than any expected amounts.

For further information, see "Risk Factors" beginning on page PS-5 and "Supplemental Use of Proceeds" on page PS-20 of the accompanying product supplement.



U.S. Federal Income Tax Summary

The following summary of the material U.S. federal income and estate tax considerations of the acquisition, ownership, and disposition of the Notes supplements, and to the extent inconsistent supersedes, the discussion under "U.S. Federal Income Tax Considerations" in the accompanying prospectus and is not exhaustive of all possible tax considerations. This summary is based upon the Internal Revenue Code of 1986, as amended (the "Code"), regulations promulgated under the Code by the U.S. Treasury Department ("Treasury") (including proposed and temporary regulations), rulings, current administrative interpretations and official pronouncements of the IRS, and judicial decisions, all as currently in effect and all of which are subject to differing interpretations or to change, possibly with retroactive effect. No assurance can be given that the IRS would not assert, or that a court would not sustain, a position contrary to any of the tax consequences described below. This summary does not include any description of the tax laws of any state or local governments, or of any foreign government, that may be applicable to a particular holder.

Although the Notes are issued by us, they will be treated as if they were issued by BAC for U.S. federal income tax purposes. Accordingly throughout this tax discussion, references to "we," "our" or "us" are generally to BAC unless the context requires otherwise.

This summary is directed solely to U.S. Holders and Non-U.S. Holders that, except as otherwise specifically noted, will purchase the Notes upon original issuance and will hold the Notes as capital assets within the meaning of Section 1221 of the Code, which generally means property held for investment, and that are not excluded from the discussion under "U.S. Federal Income Tax Considerations" in the accompanying prospectus.

You should consult your own tax advisor concerning the U.S. federal income tax consequences to you of acquiring, owning, and disposing of the Notes, as well as any tax consequences arising under the laws of any state, local, foreign, or other tax jurisdiction and the possible effects of changes in U.S. federal or other tax laws.

General

Although there is no statutory, judicial, or administrative authority directly addressing the characterization of the Notes, we intend to treat the Notes for all tax purposes as contingent income-bearing single financial contracts with respect to the Underlyings and under the terms of the Notes, we and every investor in the Notes agree, in the absence of an administrative determination or judicial ruling to the contrary, to treat the Notes in accordance with such characterization. In the opinion of our counsel, Sidley Austin LLP, it is reasonable to treat the Notes as contingent income-bearing single financial contracts with respect to the Underlyings. This discussion assumes that the Notes constitute contingent income-bearing single financial contracts with respect to the Underlyings for U.S. federal income tax purposes. If the Notes did not constitute contingent income-bearing single financial contracts, the tax consequences described below would be materially different.

This characterization of the Notes is not binding on the IRS or the courts. No statutory, judicial, or administrative authority directly addresses the characterization of the Notes or any similar instruments for U.S. federal income tax purposes, and no ruling is being requested from the IRS with respect to their proper characterization and treatment. Due to the absence of authorities on point, significant aspects of the U.S. federal income tax consequences of an investment in the Notes are not certain, and no assurance can be given that the IRS or any court will agree with the characterization and tax treatment described in this pricing supplement. Accordingly, you are urged to consult your tax advisor regarding all aspects of the U.S. federal income tax consequences of an investment in the Notes, including possible alternative characterizations.

Unless otherwise stated, the following discussion is based on the characterization described above. The discussion in this section assumes that there is a significant possibility of a significant loss of principal on an investment in the Notes.

We will not attempt to ascertain whether the issuer of an Underlying or the issuer of any component stock included in the Underlying that is an index would be treated as a "passive foreign investment company" ("PFIC"), within the meaning of Section 1297 of the Code, or a United States real property holding corporation, within the meaning of Section 897(c) of the Code. If the issuer of an Underlying or the issuer of one or more stocks included in the Underlying that is an index were so treated, certain adverse U.S. federal income tax consequences could possibly apply to a holder of the Notes. You should refer to information filed with the SEC by the issuer of an Underlying or the issuers of the component stocks included in the Underlying that is an index and consult your tax advisor regarding the possible consequences to you, if any, if the issuer of an Underlying or the issuer of any component stock included in the Underlying that is an index is or becomes a PFIC or is or becomes a United States real property holding corporation.

U.S. Holders

Although the U.S. federal income tax treatment of any Contingent Coupon Payment on the Notes is uncertain, we intend to take the position, and the following discussion assumes, that any Contingent Coupon Payment constitutes taxable ordinary income to a U.S. Holder at the time received or accrued in accordance with the U.S. Holder's regular method of accounting. By purchasing the Notes you agree, in the absence of an administrative determination or judicial ruling to the contrary, to treat any Contingent Coupon Payment as described in the preceding sentence.

Upon receipt of a cash payment at maturity or upon a sale, exchange, or redemption of the Notes prior to maturity, a U.S. Holder generally will recognize capital gain or loss equal to the difference between the amount realized (other than amounts representing any Contingent Coupon Payment, which would be taxed as described above) and the U.S. Holder's tax basis in the Notes. A U.S. Holder's tax basis in the Notes will equal the amount paid by that holder to acquire them. Subject to the discussion below concerning the possible application of the "constructive ownership" rules of Section 1260 of the Code, this capital gain or loss generally will be long-term capital gain or loss if the U.S. Holder held the Notes for more than one year. The



deductibility of capital losses is subject to limitations.

Possible Application of Section 1260 of the Code. Since some Underlyings are the type of financial assets described under Section 1260 of the Code (including, among others, any equity interest in pass-through entities such as exchange traded funds, regulated investment companies, real estate investment trusts, partnerships, and passive foreign investment companies, each a "Section 1260 Financial Asset"), while the matter is not entirely clear, there may exist a risk that an investment in the Notes will be treated, in whole or in part, as a "constructive ownership transaction" to which Section 1260 of the Code applies. If Section 1260 of the Code applies, all or a portion of any long-term capital gain recognized by a U.S. Holder in respect of the Notes will be recharacterized as ordinary income (the "Excess Gain"). In addition, an interest charge will also apply to any deemed underpayment of tax in respect of any Excess Gain to the extent such gain would have resulted in gross income inclusion for the U.S. Holder in taxable years prior to the taxable year of the sale, exchange, redemption, or settlement (assuming such income accrued at a constant rate equal to the applicable federal rate as of the date of sale, exchange, redemption, or settlement).

If an investment in the Notes is treated as a constructive ownership transaction, it is not clear to what extent any long-term capital gain of a U.S. Holder in respect of the Notes will be recharacterized as ordinary income. It is possible, for example, that the amount of the Excess Gain (if any) that would be recharacterized as ordinary income in respect of the Notes will equal the excess of (i) any long-term capital gain recognized by the U.S. Holder in respect of the Notes and attributable to Section 1260 Financial Assets, over (ii) the "net underlying long-term capital gain" (as defined in Section 1260 of the Code) such U.S. Holder would have had if such U.S. Holder had acquired an amount of the corresponding Section 1260 Financial Assets at fair market value on the original issue date for an amount equal to the portion of the issue price of the Notes attributable to the corresponding Section 1260 Financial Assets and sold such amount of Section 1260 Financial Assets at maturity or upon sale, exchange or redemption of the Notes at fair market value. Unless otherwise established by clear and convincing evidence, the net underlying long-term capital gain is treated as zero and therefore it is possible that all long-term capital gain recognized by a U.S. Holder in respect of the Notes will be recharacterized as ordinary income if Section 1260 of the Code applies to an investment in the Notes. U.S. Holders should consult their tax advisors regarding the potential application of Section 1260 of the Code to an investment in the Notes.

As described below, the IRS, as indicated in Notice 2008-2 (the "Notice"), is considering whether Section 1260 of the Code generally applies or should apply to the Notes, including in situations where the Underlyings are not the type of financial asset described under Section 1260 of the Code.

Alternative Tax Treatments. Due to the absence of authorities that directly address the proper tax treatment of the Notes, prospective investors are urged to consult their tax advisors regarding all possible alternative tax treatments of an investment in the Notes. In particular, the IRS could seek to subject the Notes to the Treasury regulations governing contingent payment debt instruments. If the IRS were successful in that regard, the timing and character of income on the Notes would be affected significantly. Among other things, a U.S. Holder would be required to accrue original issue discount every year at a "comparable yield" determined at the time of issuance. In addition, any gain realized by a U.S. Holder at maturity or upon a sale, exchange, or redemption of the Notes generally would be treated as ordinary income, and any loss realized at maturity or upon a sale, exchange, or redemption of the Notes generally would be treated as ordinary loss to the extent of the U.S. Holder's prior accruals of original issue discount, and as capital loss thereafter.

In addition, it is possible that the Notes could be treated as a unit consisting of a deposit and a put option written by the Note holder, in which case the timing and character of income on the Notes would be affected significantly.

The Notice sought comments from the public on the taxation of financial instruments currently taxed as "prepaid forward contracts." This Notice addresses instruments such as the Notes. According to the Notice, the IRS and Treasury are considering whether a holder of an instrument such as the Notes should be required to accrue ordinary income on a current basis, regardless of whether any payments are made prior to maturity. It is not possible to determine what guidance the IRS and Treasury will ultimately issue, if any. Any such future guidance may affect the amount, timing and character of income, gain, or loss in respect of the Notes, possibly with retroactive effect.

The IRS and Treasury are also considering additional issues, including whether additional gain or loss from such instruments should be treated as ordinary or capital, whether foreign holders of such instruments should be subject to withholding tax on any deemed income accruals, whether Section 1260 of the Code, concerning certain "constructive ownership transactions," generally applies or should generally apply to such instruments, and whether any of these determinations depend on the nature of the underlying asset.

In addition, proposed Treasury regulations require the accrual of income on a current basis for contingent payments made under certain notional principal contracts. The preamble to the regulations states that the "wait and see" method of accounting does not properly reflect the economic accrual of income on those contracts, and requires current accrual of income for some contracts already in existence. While the proposed regulations do not apply to prepaid forward contracts, the preamble to the proposed regulations expresses the view that similar timing issues exist in the case of prepaid forward contracts. If the IRS or Treasury publishes future guidance requiring current economic accrual for contingent payments on prepaid forward contracts, it is possible that you could be required to accrue income over the term of the Notes.

Because of the absence of authority regarding the appropriate tax characterization of the Notes, it is also possible that the IRS could seek to characterize the Notes in a manner that results in tax consequences that are different from those described above. For example, the IRS could possibly assert that any gain or loss that a holder may recognize at maturity or upon the sale, exchange, or redemption of the Notes should be treated as ordinary gain or loss.



Because one Underlying is an index that periodically rebalances, it is possible that the Notes could be treated as a series of contingent income-bearing single financial contracts, each of which matures on the next rebalancing date. If the Notes were properly characterized in such a manner, a U.S. Holder would be treated as disposing of the Notes on each rebalancing date in return for new Notes that mature on the next rebalancing date, and a U.S. Holder would accordingly likely recognize capital gain or loss on each rebalancing date equal to the difference between the holder's tax basis in the Notes (which would be adjusted to take into account any prior recognition of gain or loss) and the fair market value of the Notes on such date.

Non-U.S. Holders

Because the U.S. federal income tax treatment of the Notes (including any Contingent Coupon Payment) is uncertain, we (or the applicable paying agent) will withhold U.S. federal income tax at a 30% rate (or at a lower rate under an applicable income tax treaty) on the entire amount of any Contingent Coupon Payment made unless such payments are effectively connected with the conduct by the Non-U.S. Holder of a trade or business in the U.S. (in which case, to avoid withholding, the Non-U.S. Holder will be required to provide a Form W-8ECI). We (or the applicable paying agent) will not pay any additional amounts in respect of such withholding. To claim benefits under an income tax treaty, a Non-U.S. Holder must obtain a taxpayer identification number and certify as to its eligibility under the appropriate treaty's limitations on benefits article, if applicable. In addition, special rules may apply to claims for treaty benefits made by Non-U.S. Holders that are entities rather than individuals. The availability of a lower rate of withholding under an applicable income tax treaty will depend on whether such rate applies to the characterization of the payments under U.S. federal income tax laws. A Non-U.S. Holder that is eligible for a reduced rate of U.S. federal withholding tax pursuant to an income tax treaty may obtain a refund of any excess amounts withheld by filing an appropriate claim for refund with the IRS.

Except as discussed below, a Non-U.S. Holder generally will not be subject to U.S. federal income or withholding tax for amounts paid in respect of the Notes (not including, for the avoidance of doubt, amounts representing any Contingent Coupon Payment which would be subject to the rules discussed in the previous paragraph) upon the sale, exchange, or redemption of the Notes or their settlement at maturity, provided that the Non-U.S. Holder complies with applicable certification requirements and that the payment is not effectively connected with the conduct by the Non-U.S. Holder of a U.S. trade or business. Notwithstanding the foregoing, gain from the sale, exchange, or redemption of the Notes or their settlement at maturity may be subject to U.S. federal income tax if that Non-U.S. Holder is a non-resident alien individual and is present in the U.S. for 183 days or more during the taxable year of the sale, exchange, redemption, or settlement and certain other conditions are satisfied.

If a Non-U.S. Holder of the Notes is engaged in the conduct of a trade or business within the U.S. and if any Contingent Coupon Payment and gain realized on the settlement at maturity, or upon sale, exchange, or redemption of the Notes, is effectively connected with the conduct of such trade or business (and, if certain tax treaties apply, is attributable to a permanent establishment maintained by the Non-U.S. Holder in the U.S.), the Non-U.S. Holder, although exempt from U.S. federal withholding tax, generally will be subject to U.S. federal income tax on such Contingent Coupon Payment and gain on a net income basis in the same manner as if it were a U.S. Holder. Such Non-U.S. Holders should read the material under the heading "—U.S. Holders," for a description of the U.S. federal income tax consequences of acquiring, owning, and disposing of the Notes. In addition, if such Non-U.S. Holder is a foreign corporation, it may also be subject to a branch profits tax equal to 30% (or such lower rate provided by any applicable tax treaty) of a portion of its earnings and profits for the taxable year that are effectively connected with its conduct of a trade or business in the U.S., subject to certain adjustments.

A "dividend equivalent" payment is treated as a dividend from sources within the United States and such payments generally would be subject to a 30% U.S. withholding tax if paid to a Non-U.S. Holder. Under Treasury regulations, payments (including deemed payments) with respect to equity-linked instruments ("ELIs") that are "specified ELIs" may be treated as dividend equivalents if such specified ELIs reference an interest in an "underlying security," which is generally any interest in an entity taxable as a corporation for U.S. federal income tax purposes if a payment with respect to such interest could give rise to a U.S. source dividend. However, IRS guidance provides that withholding on dividend equivalent payments will not apply to specified ELIs that are not delta-one instruments and that are issued before January 1, 2027. Based on our determination that the Notes are not delta-one instruments, Non-U.S. Holders should not be subject to withholding on dividend equivalent payments, if any, under the Notes. However, it is possible that the Notes could be treated as deemed reissued for U.S. federal income tax purposes upon the occurrence of certain events affecting the Underlyings or the Notes, and following such occurrence the Notes could be treated as subject to withholding on dividend equivalent payments. Non-U.S. Holders that enter, or have entered, into other transactions in respect of the Underlyings or the Notes should consult their tax advisors as to the application of the dividend equivalent withholding tax in the context of the Notes and their other transactions. If any payments are treated as dividend equivalents subject to withholding, we (or the applicable paying agent) would be entitled to withhold taxes without being required to pay any additional amounts with respect to amounts so withheld.

As discussed above, alternative characterizations of the Notes for U.S. federal income tax purposes are possible. Should an alternative characterization, by reason of change or clarification of the law, by regulation or otherwise, cause payments as to the Notes to become subject to withholding tax in addition to the withholding tax described above, tax will be withheld at the applicable statutory rate. Prospective Non-U.S. Holders should consult their own tax advisors regarding the tax consequences of such alternative characterizations.

U.S. Federal Estate Tax. Under current law, while the matter is not entirely clear, individual Non-U.S. Holders, and entities whose property is potentially includible in those individuals' gross estates for U.S. federal estate tax purposes (for example, a trust funded by such an individual and with respect to which the individual has retained certain interests or powers), should note that, absent an applicable treaty benefit, a Note is likely to be treated as U.S. situs property, subject to U.S. federal estate tax. These individuals and entities should consult their own tax advisors regarding the U.S. federal estate tax consequences of investing in a Note.



Backup Withholding and Information Reporting

Please see the discussion under "U.S. Federal Income Tax Considerations — General — Backup Withholding and Information Reporting" in the accompanying prospectus for a description of the applicability of the backup withholding and information reporting rules to payments made on the Notes.



Where You Can Find More Information

The terms and risks of the Notes are contained in this pricing supplement and in the following related product supplement, prospectus supplement and prospectus, which can be accessed at the following links:

- Product Supplement EQUITY-1 dated December 30, 2022: <https://www.sec.gov/Archives/edgar/data/1682472/000119312522315473/d429684d424b2.htm>
- Series A MTN prospectus supplement dated December 30, 2022 and prospectus dated December 30, 2022: <https://www.sec.gov/Archives/edgar/data/1682472/000119312522315195/d409418d424b3.htm>

This pricing supplement and the accompanying product supplement, prospectus supplement and prospectus have been filed as part of a registration statement with the SEC, which may, without cost, be accessed on the SEC website at www.sec.gov or obtained from BofA by calling 1-800-294-1322. Before you invest, you should read this pricing supplement and the accompanying product supplement, prospectus supplement and prospectus for information about us, BAC and this offering. Any prior or contemporaneous oral statements and any other written materials you may have received are superseded by this pricing supplement and the accompanying product supplement, prospectus supplement and prospectus. Certain terms used but not defined in this pricing supplement have the meanings set forth in the accompanying product supplement or prospectus supplement. Unless otherwise indicated or unless the context requires otherwise, all references in this document to "we," "us," "our," or similar references are to BofA Finance, and not to BAC.

The Notes are our senior debt securities. Any payments on the Notes are fully and unconditionally guaranteed by BAC. The Notes and the related guarantee are not insured by the Federal Deposit Insurance Corporation or secured by collateral. The Notes will rank equally in right of payment with all of our other unsecured and unsubordinated obligations, except obligations that are subject to any priorities or preferences by law. The related guarantee will rank equally in right of payment with all of BAC's other unsecured and unsubordinated obligations, except obligations that are subject to any priorities or preferences by law, and senior to its subordinated obligations. Any payments due on the Notes, including any repayment of the principal amount, will be subject to the credit risk of BofA Finance, as Issuer, and BAC, as Guarantor.



