

FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION  
Washington, D.C. 20549

OMB APPROVAL

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STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

☐ Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

☐ Check this box to indicate that a transaction was made pursuant to a contract, instruction or written plan for the purchase or sale of equity securities of the issuer that is intended to satisfy the affirmative defense conditions of Rule 10b5-1(c). See Instruction 10.

|                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                     |
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| 1. Name and Address of Reporting Person*<br><u>BANK OF AMERICA CORP /DE/</u><br><br>(Last) (First) (Middle)<br><u>BANK OF AMERICA CORPORATE CENTER</u><br><u>100 N TRYON ST</u><br><br>(Street)<br><u>CHARLOTTE</u> <u>NC</u> <u>28255</u><br><br>(City) (State) (Zip) | 2. Issuer Name and Ticker or Trading Symbol<br><u>BlackRock Municipal Credit Alpha Portfolio, Inc. [ MUNEX ]</u><br><br>3. Date of Earliest Transaction (Month/Day/Year)<br><u>09/29/2025</u><br><br>4. If Amendment, Date of Original Filed (Month/Day/Year) | 5. Relationship of Reporting Person(s) to Issuer<br>(Check all applicable)<br><br>Director <u>X</u> 10% Owner<br>Officer (give title below) Other (specify below)<br><br>6. Individual or Joint/Group Filing (Check Applicable Line)<br>Form filed by One Reporting Person<br><u>X</u> Form filed by More than One Reporting Person |
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Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

| 1. Title of Security (Instr. 3)                            | 2. Transaction Date (Month/Day/Year) | 2A. Deemed Execution Date, if any (Month/Day/Year) | 3. Transaction Code (Instr. 8) |   | 4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5) |            |         | 5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4) | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 7. Nature of Indirect Beneficial Ownership (Instr. 4) |
|------------------------------------------------------------|--------------------------------------|----------------------------------------------------|--------------------------------|---|-------------------------------------------------------------------|------------|---------|-----------------------------------------------------------------------------------------------|----------------------------------------------------------|-------------------------------------------------------|
|                                                            |                                      |                                                    | Code                           | V | Amount                                                            | (A) or (D) | Price   |                                                                                               |                                                          |                                                       |
| Variable Rate Demand Preferred Shares <sup>(1)(2)(3)</sup> | 09/25/2025                           |                                                    | P                              |   | 4,780                                                             | A          | \$12.64 | 4,780                                                                                         | I                                                        | See Footnotes <sup>(1)(2)(3)</sup>                    |
| Variable Rate Demand Preferred Shares <sup>(1)(2)(3)</sup> | 09/25/2025                           |                                                    | S                              |   | 4,780                                                             | D          | \$12.68 | 0                                                                                             | I                                                        | See Footnotes <sup>(1)(2)(3)</sup>                    |

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

| 1. Title of Derivative Security (Instr. 3) | 2. Conversion or Exercise Price of Derivative Security | 3. Transaction Date (Month/Day/Year) | 3A. Deemed Execution Date, if any (Month/Day/Year) | 4. Transaction Code (Instr. 8) |   | 5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5) | 6. Date Exercisable and Expiration Date (Month/Day/Year) |                 | 7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4) |                            | 8. Price of Derivative Security (Instr. 5) | 9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4) | 10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 11. Nature of Indirect Beneficial Ownership (Instr. 4) |
|--------------------------------------------|--------------------------------------------------------|--------------------------------------|----------------------------------------------------|--------------------------------|---|----------------------------------------------------------------------------------------|----------------------------------------------------------|-----------------|-----------------------------------------------------------------------------------|----------------------------|--------------------------------------------|----------------------------------------------------------------------------------------------------|-----------------------------------------------------------|--------------------------------------------------------|
|                                            |                                                        |                                      |                                                    | Code                           | V |                                                                                        | Date Exercisable                                         | Expiration Date | Title                                                                             | Amount or Number of Shares |                                            |                                                                                                    |                                                           |                                                        |

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| 1. Name and Address of Reporting Person*<br><u>BANK OF AMERICA CORP /DE/</u><br><br>(Last) (First) (Middle)<br><u>BANK OF AMERICA CORPORATE CENTER</u><br><u>100 N TRYON ST</u><br><br>(Street)<br><u>CHARLOTTE</u> <u>NC</u> <u>28255</u><br><br>(City) (State) (Zip) | 1. Name and Address of Reporting Person*<br><u>MERRILL LYNCH, PIERCE, FENNER &amp; SMITH INC.</u><br><br>(Last) (First) (Middle)<br><u>ONE BRYANT PARK</u><br><br>(Street)<br><u>NEW YORK</u> <u>NY</u> <u>10036</u><br><br>(City) (State) (Zip) |
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Explanation of Responses:

1. This statement is jointly filed by Bank of America Corporation and Merrill Lynch, Pierce, Fenner & Smith Incorporated ("Merrill Lynch") (collectively, the "Reporting Persons"). Bank of America Corporation holds an indirect interest in the securities listed in this Report by virtue of its 100% ownership of its subsidiary Merrill Lynch. Each Reporting Person disclaims beneficial ownership of the securities reported herein except to the extent of its pecuniary

interest therein, if any, and this report shall not be deemed an admission that any such Reporting Person is the beneficial owner of, or has any pecuniary interest in, such securities for purposes of Securities Exchange Act of 1934 (the "Exchange Act"), or for any other purpose.

/s/ Andres Ortiz, Authorized  
Signatory.

/s/ Andres Ortiz, Authorized Signatory

\*\* Signature of Reporting Person

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.

JOINT FILING AGREEMENT Pursuant to and in accordance with the Securities Exchange Act of 1934, as amended (the "Exchange Act"), and the rules and regulations thereunder, each party hereto hereby agrees to the joint filing, on behalf of each of them, of any filing required by such party under Section 13 or Section 16 of the Exchange Act or any rule or regulation thereunder (including any amendment, restatement, supplement, and/or exhibit thereto) with the Securities and Exchange Commission (and, if such security is registered on a national securities exchange, also with the exchange), and further agrees to the filing, furnishing, and/or incorporation by reference of this agreement as an exhibit thereto. This agreement shall remain in full force and effect until revoked by any party hereto in a signed writing provided to each other party hereto, and then only with respect to such revoking party. IN WITNESS WHEREOF, each party hereto, being duly authorized, has caused this agreement to be executed and effective as of September 29, 2025. BANK OF AMERICA CORPORATION By: /s/ Andres Ortiz Name: Andres Ortiz Title: Authorized Signatory MERRILL LYNCH, PIERCE, FENNER & SMITH INC. By: /s/ Andres Ortiz Name: Andres Ortiz Title: Authorized Signatory