FORM 3

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

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| OMB Number: | 3235-0104 |
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| Estimated average burder | n |
| hours per response: | 0.5 |

INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

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

| | Hughes Anthony Statement (Month/Day/Yea | | 2. Date of Event Requiring Statement (Month/Day/Year) 12/09/2025 | 3. Issuer Name and Ticker or Trading Symbol Local Bounti Corporation/DE [LOCL] | | | | |
|-------------------|---|----------|--|---|--|-----------------------|---|--|
| (Last) | (First) | (Middle) | | Relationship of Reporting Person(s) to Issuer (Check all applicable) | | | 5. If Amendment, Date of Original Filed (Month/Day/Year) | |
| C/O LOCAL BO | OUNTI CORPOI NE | RATION | | X Officer (give title Other (specify below) Interim CFO | | Other (specify below) | Individual or Joint/Group Filing (Check Applicable Line) X Form filed by One Reporting Person | |
| (Street) HAMILTON | MT | 59840 | | | | | Form filed by More than One Reporting Person | |
| (City) | (State) | (Zip) | | | | | | |

Table I - Non-Derivative Securities Beneficially Owned

| 1. Title of Security (Instr. 4) | ` , | 3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5) | l ' |
|---------------------------------|-----------|--|-----|
| Common Stock | 83,334(1) | D | |

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

| 1. Title of Derivative Security (Instr. 4) | 2. Date Exercisable and Expiration Date (Month/Day/Year) | | Derivative Security (Instr. 4) | | Conversion or Exercise | Form: Direct (D) or | 6. Nature of Indirect Beneficial Ownership (Instr. 5) |
|--|--|--------------------|--------------------------------|-------------------------------------|------------------------------------|----------------------------|---|
| | Date Exercisable | Expiration Date | Title | Amount or Number of Shares | Price of Derivative Security | Indirect (I) (Instr. 5) | |

Explanation of Responses:

1. Represents 83,334 restricted stock units ("RSUs") issued under the Issuer's 2021 Equity Incentive Plan. The RSUs will vest in two equal installments on April 1, 2026 and April 1, 2027, subject to the continuous service of the Reporting Person on each vesting date.

Remarks:

Exhibit 24.1: Power of Attorney

/s/ Kathleen Valiasek, as Attorneyin-Fact for Anthony Hughes 12/19/2025

** Signature of Reporting Person Date

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

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

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.

^{*} If the form is filed by more than one reporting person, see Instruction 5 (b)(v).

^{**} Intentional misstatements or omissions of facts constitute Federal Criminal Violations See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

POWER OF ATTORNEY

The undersigned as a Section 16 reporting person of Local Bounti Corporation (the "Company"), hereby constitutes and appoints Kathleen Valiasek and Margaret McCandless, and each of them, the undersigned's true and lawful attorney-in-fact to:

(1)execute, deliver and file for and on behalf of the undersigned, in the undersigned's capacity as an officer and/or director of the Company, Forms 3, 4, and 5 in accordance with Section 16(a) of the Securities Exchange Act of 1934, as amended (the "Exchange Act");

(2)do and perform any and all acts for and on behalf of the undersigned which may be necessary or desirable to complete and execute any such Form 3, 4, or 5, complete and execute any amendment or amendments thereto, and timely file such form with the SEC and any stock exchange or similar authority;

(3)seek or obtain, as the undersigned's representative and on the undersigned's behalf, information on transactions in the Company's securities from any third party, including brokers, employee benefit plan administrators and trustees, and the undersigned hereby authorizes any such person to release any such information to the undersigned and approves and ratifies any such release of information; and

(4)take any other action of any type whatsoever in connection with the foregoing which, in the opinion of such attorney-in-fact, may be of benefit to, in the best interest of, or legally required by, the undersigned, it being understood that the documents executed by such attorney-in-fact on behalf of the undersigned pursuant to this Power of Attorney shall be in such form and shall contain such terms and conditions as such attorney-in-fact may approve in such attorney-in-fact's discretion.

The undersigned hereby grants to each such attorney-in-fact full power and authority to do and perform any and every act and thing whatsoever requisite, necessary, or proper to be done in the exercise of any of the rights and powers herein granted, as fully to all intents and purposes as the undersigned might or could do if personally present, with full power of substitution or revocation, hereby ratifying and confirming all that such attorney-in-fact, or such attorney-in-fact's substitute or substitutes, shall lawfully do or cause to be done by virtue of this power of attorney and the rights and powers herein granted. The undersigned acknowledges that the foregoing attorneys-in-fact, in serving in such capacity at the request of the undersigned, are not assuming, nor is the Company assuming, any of the undersigned's responsibilities to comply with Section 16 of the Exchange Act. The undersigned further acknowledges and agrees that the attorney-in-fact and the Company are relying on written and oral information provided by the undersigned to complete such forms and the undersigned is responsible for reviewing the completed forms prior to their filling. The attorney-in-fact and the Company are not responsible for any errors or omissions in such fillings. The attorney-in-fact and the Company are not responsible for determining whether or not the transactions reported could be matched with any other transactions for the purpose of determining liability for short-swing profits under Section 16(b) of the Exchange Act.

This Power of Attorney shall remain in full force and effect until the earliest to occur of: (i) such date as the undersigned is no longer required to file Forms 3, 4, and 5 with respect to the undersigned's holdings of and transactions in securities issued by the Company, (ii) its revocation by the undersigned in a signed writing delivered to the Company and the applicable foregoing attorneys-in-fact and (iii) such time as the applicable foregoing attorney-in-fact ceases to be an employee of the Company or one of its affiliates. This Power of Attorney may be filed with the SEC as a confirming statement of the authority granted herein.

IN WITNESS WHEREOF, the undersigned has caused this Power of Attorney to be executed as of December 10, 2025.

/s/ Anthony Hughes Name: Anthony Hughes