

| OMB APPROVAL                                 |           |
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**STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP**

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

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.

|  |   |   |
|--|---|---|
| 1. Name and Address of Reporting Person*<br><u>Green James W</u><br><br>(Last) (First) (Middle)<br><u>C/O HARVARD BIOSCIENCE, INC.</u><br><u>84 OCTOBER HILL ROAD</u><br><br>(Street)<br><u>HOLLISTON MA 01746</u><br><br>(City) (State) (Zip) | 2. Issuer Name and Ticker or Trading Symbol<br><u>HARVARD BIOSCIENCE INC [ HBIO ]</u> | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable)<br><input checked="" type="checkbox"/> Director 10% Owner<br>Officer (give title below) Other (specify below) |
|  | 3. Date of Earliest Transaction (Month/Day/Year)<br><u>08/15/2025</u>                 |   |
|  | 4. If Amendment, Date of Original Filed (Month/Day/Year)                              |   |

**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   |   |  |   |
| Common Stock                    | 08/15/2025                           |  | D                              |   | 49,048 <sup>(1)</sup>   | D          | \$0     | 2,796,040   | D  |   |
| Common Stock                    | 08/15/2025                           |  | F                              |   | 33,200 <sup>(2)</sup>   | D          | \$0.529 | 2,762,840   | D  |   |
| Common Stock                    | 08/15/2025                           |  | D                              |   | 119,332 <sup>(3)</sup>  | D          | \$0     | 2,643,508   | D  |   |
| Common Stock                    | 08/15/2025                           |  | F                              |   | 11,540 <sup>(4)</sup>   | D          | \$0.529 | 2,631,968   | D  |   |
| Common Stock                    | 08/15/2025                           |  | D                              |   | 66,036 <sup>(5)</sup>   | D          | \$0     | 2,565,905   | D  |   |
| Common Stock                    | 08/15/2025                           |  | D                              |   | 113,366 <sup>(6)</sup>  | D          | \$0     | 2,452,566 <sup>(7)</sup>  | D  |   |

**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) |
|--|--|--------------------------------------|--|--------------------------------|--|--|-----------------|---|--|--|---|--|
|  |  |                                      |  |                                |  | Date Exercisable   | Expiration Date |   |  |  |   |  |

**Explanation of Responses:**

1. Represents forfeiture of time-based restricted stock units ("RSUs") granted to the Reporting Person on March 6, 2023 in connection with the Reporting Person resigning from all services with the Issuer.
2. The shares were disposed of to satisfy the Reporting Person's tax withholding obligation in connection with an RSU award previously granted to the Reporting Person that vested on August 15, 2025.
3. Represents forfeiture of time-based RSUs granted to the Reporting Person on March 5, 2024 in connection with the Reporting Person resigning from all services with the Issuer.
4. The shares were disposed of to satisfy the Reporting Person's tax withholding obligation in connection with an RSU award previously granted to the Reporting Person that vested on August 15, 2025.
5. Represents forfeiture of performance-based RSUs granted to the Reporting Person on March 6, 2023 in connection with the Reporting Person resigning from all services with the Issuer.
6. Represents forfeiture of performance-based RSUs granted to the Reporting Person on March 5, 2024 in connection with the Reporting Person resigning from all services with the Issuer.
7. This total includes 375,005 RSUs with performance based vesting conditions.

/s/ James W. Green 08/19/2025

\*\* Signature of Reporting Person Date

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

\* If the form is filed by more than one reporting person, see Instruction 4 (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).

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.