

Certificate of Analysis - Certified Reference Material

thermo**scientific**

Thermo Scientific<sup>TM</sup> Trademark<sup>TM</sup>

Product Number

R4607085

Product Name

E. coli ATCC 8739 PK/5

Lot Number

265071

Usage Decision

Accepted (OK)

Expiration Date

2026-11-18

This product has been manufactured, processed and packaged in accordance with Quality Systems Regulation, 21 CFR Part 820. The results were derived from a representative sample of the batch and were obtained at the time of release. Refer to the enclosed product insert for instructions, intended use, hazard/safety requirements, and storage conditions.

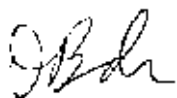
| Product Char Results |                                                  |
|----------------------|--------------------------------------------------|
| Purity               | Demonstrates pure growth on applicable media     |
| Viability            | Recovered at acceptable level within test period |
| Passage              | 3 (Current preserved state)                      |

| Microbiological testing            | Results | Specification |
|------------------------------------|---------|---------------|
| >85% Identification on Vitek 2C GN | 99      | 85 - 100      |
| >95% Identification on MicroSEQ    |         | 95 - 100      |
| Microscopic Features               | Pass    |               |

These tests are performed in accordance with ISO 17025 guidelines. Thermo Fisher Scientific has determined each loop of this reference material to be sufficiently homogeneous for its intended use. Individual products are traceable to a recognized culture collection. Although the Vitek(TM) panel uses many conventional tests, the unique environment of the card, combined with the short incubation period, may produce results that differ from published results obtained by other methods



Signed



Dawn Baker  
QA Manager

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CERT #6559.01

Thermo Fisher Scientific is accredited by A2LA as a registered reference material producer certificate number 6559.01 in accordance with ISO 17034[1].

[1] ISO 17034 First Edition 2016-11-01 General requirements for the competence of reference material producers

Version 1.0



bioMérieux Customer: 1011208  
System #: 504538

Thermo Fisher Scientific  
**Laboratory Report**

Autoprint  
Report Version: 1 of 1

Isolate: 265071-1 (To be reviewed)  
Card Type: GN Bar Code: 2413032403022006 Testing Instrument: 00000B4D4CA6 (01783)  
Setup Technologist: Amanda Wood(awood)

Bionumber: 0405611540465611

Organism Quantity:

**Selected Organism: Escherichia coli**

|                  |  |
|------------------|--|
| <b>Comments:</b> |  |
|                  |  |
|                  |  |
|                  |  |

**McFarland:**

|                                           |                                                                  |                           |                                   |
|-------------------------------------------|------------------------------------------------------------------|---------------------------|-----------------------------------|
| Identification Information                | Card: GN                                                         | Lot Number: 2413032403    | Expires: Mar 16, 2026 13:00 CDT   |
|                                           | Status: Final                                                    | Analysis Time: 4.10 hours | Completed: Jun 19, 2025 15:51 CDT |
| Organism Origin                           | VITEK 2                                                          |                           |                                   |
| Selected Organism                         | 99% Probability Escherichia coli                                 |                           |                                   |
|                                           | Bionumber: 0405611540465611 Confidence: Excellent identification |                           |                                   |
| Analysis Organisms and Tests to Separate: |                                                                  |                           |                                   |
| Analysis Messages:                        |                                                                  |                           |                                   |
| Contraindicating Typical Biopattern(s)    |                                                                  |                           |                                   |

**Biochemical Details**

|    |       |   |    |      |   |    |       |   |    |       |   |    |       |   |    |       |   |
|----|-------|---|----|------|---|----|-------|---|----|-------|---|----|-------|---|----|-------|---|
| 2  | APPA  | - | 3  | ADO  | - | 4  | PyrA  | - | 5  | IARL  | - | 7  | dCEL  | - | 9  | BGAL  | + |
| 10 | H2S   | - | 11 | BNAG | - | 12 | AGLTp | - | 13 | dGLU  | + | 14 | GGT   | - | 15 | OFF   | + |
| 17 | BGLU  | - | 18 | dMAL | + | 19 | dMAN  | + | 20 | dMNE  | + | 21 | BXYL  | - | 22 | BAlap | - |
| 23 | ProA  | + | 26 | LIP  | - | 27 | PLE   | - | 29 | TyrA  | + | 31 | URE   | - | 32 | dSOR  | + |
| 33 | SAC   | - | 34 | dTAG | - | 35 | dTRE  | + | 36 | CIT   | - | 37 | MNT   | - | 39 | 5KG   | - |
| 40 | ILATk | - | 41 | AGLU | - | 42 | SUCT  | + | 43 | NAGA  | - | 44 | AGAL  | + | 45 | PHOS  | + |
| 46 | GlyA  | + | 47 | ODC  | - | 48 | LDC   | + | 53 | IHISa | - | 56 | CMT   | + | 57 | BGUR  | + |
| 58 | O129R | + | 59 | GGAA | - | 61 | IMLTa | - | 62 | ELLM  | + | 64 | ILATa | - |    |       |   |

Installed VITEK 2 Systems Version: 9.02  
MIC Interpretation Guideline:  
AES Parameter Set Name:

Therapeutic Interpretation Guideline:  
AES Parameter Last Modified:



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Bionumber: 0405611540465611

Organism Quantity:

**Selected Organism: Escherichia coli**

| Action | Name (User ID) | Date/Time | Comment |
|--------|----------------|-----------|---------|
|--------|----------------|-----------|---------|