

Certificate of Analysis - Certified Reference Material

thermo**scientific**

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

Product NumberR4609385

Product NameK. pneumoniae ATCC BAA-1706 PK/5

Lot Number235186

Usage DecisionAccepted (OK)

Expiration Date2026-08-19

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.

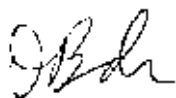
| Product Char Results |  |
|----------------------|--|
| Purity               | Demonstrates pure growth on applicable media     |
| Viability            | Recovered at acceptable level within test period |
| Passage              | 3 (Current preserved state)                      |

| Microbiological testing            | Results | Specification |
|------------------------------------|---------|---------------|
| >85% Identification on Vitek 2C GN | 96      | 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

The identity, purity, and authenticity of the Licensed Products are exclusively the responsibility of Remel Inc. and not ATCC. The ATCC Licensed Derivative Emblem, the ATCC Licensed Derivative Word mark, and the ATCC Catalog Marks are trademarks of ATCC.

Remel Inc. is licensed to use these trademarks and to sell products derived from ATCC® culture.



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: 235186-1 (Qualified Duplicate)  
Card Type: GN Bar Code: 2412885103096432 Testing Instrument: 00000B4D4CA6 (01783)  
Setup Technologist: Amanda Wood(awood)

Bionumber: 6607734051564010  
Organism Quantity:

**Selected Organism: Klebsiella pneumoniae ssp ozaenae**

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

**McFarland:**

|  |  |                           |                                   |
|--|--|---------------------------|-----------------------------------|
| Identification Information                 | Card: GN   | Lot Number: 2412885103    | Expires: Oct 20, 2025 13:00 CDT   |
|  | Status: Final  | Analysis Time: 5.82 hours | Completed: Feb 28, 2025 16:57 CST |
| Organism Origin                            | VITEK 2  |                           |                                   |
| Selected Organism                          | 96% Probability <b>Klebsiella pneumoniae ssp ozaenae</b>         |                           |                                   |
|  | Bionumber: 6607734051564010 Confidence: Excellent identification |                           |                                   |
| Analysis Organisms and Tests to Separate:  |  |                           |                                   |
| Analysis Messages:                         |  |                           |                                   |
| Contraindicating Typical Biopattern(s)     |  |                           |                                   |
| Klebsiella pneumoniae ssp ozaenae LDC(12), |  |                           |                                   |

| 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 | - |    |       |   |



bioMérieux Customer: 1011208  
System #: 504538

Thermo Fisher Scientific  
**Laboratory Report**

Autoprint  
Report Version: 1 of 1

Isolate: 235186-1 (Qualified Duplicate)  
Card Type: GN Bar Code: 2412885103096432 Testing Instrument: 00000B4D4CA6 (01783)  
Setup Technologist: Amanda Wood(awood)

---

Bionumber: 6607734051564010

Organism Quantity:

**Selected Organism: *Klebsiella pneumoniae* ssp *ozaenae***

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