

Certificate of Analysis



SCIENTIFIC

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An ISO 9001 Certified Company

BACTERIOLOGICAL AGAR

PRODUCT NUMBER

IB49170 _____ 500gm
IB49171 _____ 1kg
IB49172 _____ 2.5kg
IB49173 _____ 5kg
IB49174 _____ 10kg

LOT NO.

Lot# _____ 22H5022

CAS NO.

CAS# _____ 9002-18-0

STORAGE

Store at room temperature. Keep tightly sealed. Protect from moisture and light.

SPECIFICATIONS

| | Specification | Analysis | Disposition |
|--|----------------------------|----------------------------|-------------|
| Over-Sieve Size (60 Mesh - 95% pass mech) | > 95% | > 95% | PASS |
| Arsenic | < 3ppm | < 3ppm | PASS |
| Lead | < 5ppm | < 5ppm | PASS |
| Mercury | < 1ppm | < 1ppm | PASS |
| Cadmium | < 1ppm | < 1ppm | PASS |
| Color | Cream/Beige | Cream | PASS |
| Moisture (Loss on drying) | ≤ 12% | 8.2% | PASS |
| Ash | ≤ 6.5% | 3.9% | PASS |
| pH (1.5% solution @ 20°C) (pre/post autoclaving) | 7.0 ± 0.4 | 7.3 / 7.2 | PASS |
| Gel Strength (1.5% solution @ 20°C) (pre/post autoclaving) | 600 - 850g/cm ² | 770 / 780g/cm ² | PASS |
| Colorimetry (absorbance @ nmu 450) (pre/post autoclaving) | ≤ 0.2 | 0.157 / 0.196 | PASS |
| Turbidity (NTU) (pre/post autoclaving) | ≤ 6 | 5.9 / 5.0 | PASS |
| Melting Point (1.5% solution) (post-autoclaving) | | 88.8°C | PASS |
| Gel Point (1.5% solution) (post-autoclaving) | 35 ± 3°C | 35.1°C | PASS |

DATE OF

Expiration Date: _____ 06/2026

Manufacture Date: _____ 06/2022

CERTIFICATION

We certify that this batch conforms to the specifications listed above and has been reviewed by a quality representative. This document has been electronically produced and signed by IBI SCIENTIFIC.

Abigail Wood
Quality Control

12/19/22
Date

FOR RESEARCH AND DEVELOPMENT PURPOSES ONLY

Building Quality Scientific.

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