

Certificate of Analysis



SCIENTIFIC

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BACTERIOLOGICAL AGAR

PRODUCT NUMBER

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

LOT NO.

Lot# _____ 23J2002

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	White to Light Cream	Light Cream	PASS
Moisture (Loss on drying)	≤ 12%	8.5%	PASS
Ash	≤ 6.5%	3.6%	PASS
pH (1.5% solution @ 20°C)	6 - 7.5	7.1	PASS
Gel Strength (1.5% solution @ 20°C)	600 - 890g/cm ²	700g/cm ²	PASS
Colorimetry (absorbance @ nmu 450)	≤ 0.25	0.124	PASS
Turbidity (NTU)	≤ 8	2.9	PASS
Melting Point (1.5% solution)	85 - 90°C	88.8°C	PASS
Gel Point (1.5% solution)	36 ± 2°C	34.8°C	PASS

DATE OF

Expiration Date: _____ 07/31/2027

Manufacture Date: _____ 07/2023

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

09/05/23
Date

FOR RESEARCH AND DEVELOPMENT PURPOSES ONLY

Building Quality Scientific.

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