

# 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# \_\_\_\_\_ 20A2012

### 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	Biege	Biege	PASS
Moisture (Loss on drying)	≤ 12%	9.9%	PASS
Ash	≤ 6.5%	3.7%	PASS
Total Plate Count	< 5000cfu/g	540cfu/g	PASS
pH (1.5% solution @ 20°C) (pre-autoclaving)	7.0 ± 0.4	7.4	PASS
pH (1.5% solution @ 20°C) (post-autoclaving)	6.5 ± 0.4	6.86	PASS
Gel Strength (1.5% solution @ 20°C) (pre/post autoclaving)	600 - 850g/cm <sup>2</sup>	700 / 730g/cm <sup>2</sup>	PASS
Colorimetry (absorbance @ nmu 450) (pre/post autoclaving)	≤ 0.2	0.140 / 0.144	PASS
Turbidity (NTU) (pre/post autoclaving)	≤ 6	5.19 / 4.56	PASS
Melting Point (1.5% solution) (post-autoclaving)		88.8°C	PASS
Gel Point (1.5% solution) (post-autoclaving)	35 ± 3°C	35.5°C	PASS

### DATE OF

Expiration Date: \_\_\_\_\_ 04/2023

Manufacture Date: \_\_\_\_\_ 04/2019

### 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.

Toby Frericks  
Quality Control

01/07/20  
Date

FOR RESEARCH AND DEVELOPMENT PURPOSES ONLY

Building Quality Scientific.

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