

Certificate of Analysis



SCIENTIFIC

800-253-4942 • IBISCI.com

An ISO 9001 Certified Company

BACTERIOLOGICAL AGAR

PRODUCT NUMBER

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

LOT NO.

Lot# _____ 20G4021

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%	9.5%	PASS
Ash	≤ 6.5%	3.0%	PASS
Total Plate Count	< 5000cfu/g	153cfu/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	6.73	PASS
Gel Strength (1.5% solution @ 20°C) (pre/post autoclaving)	600 - 850g/cm ²	750 / 750g/cm ²	PASS
Colorimetry (absorbance @ nmu 450) (pre/post autoclaving)	≤ 0.2	0.097 / 0.129	PASS
Turbidity (NTU) (pre/post autoclaving)	≤ 6	3.2 / 2.9	PASS
Melting Point (1.5% solution) (post-autoclaving)		88.8°C	PASS
Gel Point (1.5% solution) (post-autoclaving)	35 ± 3°C	35.3°C	PASS

DATE OF

Expiration Date: _____ 12/2023

Manufacture Date: _____ 12/2019

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

07/20/20
Date

FOR RESEARCH AND DEVELOPMENT PURPOSES ONLY

Building Quality Scientific.

IBI SCIENTIFIC • 7445 Chavenelle Road • Dubuque, IA 52002-9664 • USA