

Certificate of Analysis



SCIENTIFIC

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AGAROSE 3:1 Super-Sieve

PRODUCT NUMBER

IB70052 _____ 25gm
IB70053 _____ 250gm

LOT NO.

Lot# _____ 19E1004

DATE OF

Reassay Date: _____ 01/2023

CAS NO.

CAS# _____ 9012-36-6

STORAGE

Store at room temperature. Protect from moisture. Light sensitive.

Agarose gels may be stored wrapped in plastic or submerged in 1X running buffer at +4°C until needed.

SPECIFICATIONS

	Specification	Analysis	Disposition
Appearance	Fine, homogeneous powder	Fine, homogeneous powder	PASS
Moisture	< 7%	6.12%	PASS
Ash	< 0.35%	0.32%	PASS
EEO	< 0.12	0.12	PASS
Sulfate	< 0.11%	0.070%	PASS
Clarity @1.5% (NTU)	≤ 5	4.86	PASS
Gelling Temperature @4.0%	≤ 40.5°C	39.0°C	PASS
Melting Temperature @4.0%	≤ 93°C	82.6°C	PASS
Gel Strength @1.5%	> 2000	2,220g/cm ²	PASS
Gel Strength @4.0%	> 4200	5,060g/cm ²	PASS
pH (in solution @1.5%)		7.19	PASS
pH (in gel @1.5%)		7.10	PASS
Colorimetry (Absorbance)		0.038	PASS
DNase and RNase assay	PASS / FAIL	None Detected	PASS

PARTICLE SIZE

Over sieve 60 _____ 0.20%
Over sieve 100 _____ 3.33%
Over sieve 140 _____ 26.20%
Over sieve 200 _____ 39.25%
Under sieve 200 _____ 32.10%

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

05/03/19
Date

FOR RESEARCH AND DEVELOPMENT PURPOSES ONLY

Building Quality Scientific.