

Certificate of Analysis



SCIENTIFIC

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An ISO 9001 Certified Company

AGAROSE Ultra Sieve

PRODUCT NUMBER

IB70054 _____ 25gm
IB70055 _____ 250gm

LOT NO.

Lot# _____ 24C5002

CAS NO.

CAS# _____ 9012-36-6

DATE OF

Reassay Date: _____ 05/2027

Manufacture Date: _____ 05/2022

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
Color	White	White	PASS
Moisture	< 7%	5.80%	PASS
Ash	≤ 0.3%	0.26%	PASS
EEO	≤ 0.13	0.11	PASS
Sulfate	≤ 0.1%	0.094%	PASS
Clarity @1.5% (NTU)		3.08	PASS
Gelling Temperature @3.0%	35°C	33.7°C	PASS
Melting Temperature @3.0%		74.6°C	PASS
Gel Strength @1.0%	≥ 800	1,655g/cm ²	PASS
Gel Strength @1.5%	≥ 800	3,255g/cm ²	PASS
pH (in solution) @1.5%		6.74	PASS
pH (in gel) @1.5%		7.54	PASS
Colorimetry (Absorbance)		0.034	PASS
DNase and RNase assay	PASS / FAIL	None Detected	PASS

PARTICLE SIZE

Over sieve 60 _____ 0.60%
Over sieve 100 _____ 5.50%
Over sieve 140 _____ 27.05%
Over sieve 200 _____ 34.70%
Under sieve 200 _____ 33.15%

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

04/05/24
Date

FOR RESEARCH AND DEVELOPMENT PURPOSES ONLY

Building Quality Scientific.