

Certificate of Analysis



SCIENTIFIC

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An ISO 9001 Certified Company

AGAROSE Low Melting Point

PRODUCT NUMBER

IB70050 _____ 25gm
IB70051 _____ 50gm
IB70056 _____ 100gm
IB70057 _____ 250gm
IB70058 _____ 500gm
IB70059 _____ 1kg

LOT NO.

Lot# _____ 20J3002

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.

DATE OF

Reassay Date: _____ 02/2024

SPECIFICATIONS

	Specification	Analysis	Disposition
Appearance	Fine, homogeneous powder	Fine, homogeneous powder	PASS
Moisture	≤ 7%	4.31%	PASS
Ash	≤ 0.4%	0.30%	PASS
EEO	≤ 0.12	0.11	PASS
Sulfate	≤ 0.12%	0.070%	PASS
Clarity @1.5% (NTU)	≤ 4	3.80	PASS
Gelling Temperature @1.5%	24°C - 28°C	27.4°C	PASS
Melting Temperature @1.5%	≤ 65.5°C	65.3°C	PASS
Gel Strength @1.0%	≥ 100	290g/cm ²	PASS
Gel Strength @1.5%	≥ 500	970g/cm ²	PASS
pH (in solution)		6.86	PASS
pH (in gel)		7.35	PASS
Colorimetry (Absorbance)		0.028	PASS
DNase and RNase assay	PASS / FAIL	None Detected	PASS

PARTICLE SIZE

Over sieve 60 _____ 0.65%
Over sieve 100 _____ 2.35%
Over sieve 140 _____ 39.20%
Over sieve 200 _____ 38.00%
Under sieve 200 _____ 21.05%

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

10/15/20
Date

FOR RESEARCH AND DEVELOPMENT PURPOSES ONLY

Building Quality Scientific.