

Certificate of Analysis



SCIENTIFIC

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AGAROSE Basic

PRODUCT NUMBER

IB70070 _____ 100gm
IB70071 _____ 250gm
IB70072 _____ 500gm
IB70073 _____ 1kg
IB70074 _____ 5kg

LOT NO.

Lot# _____ 21K1004

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: _____ 04/2025

SPECIFICATIONS

	Specification	Analysis	Disposition
Appearance	Fine, homogeneous powder	Fine, homogeneous powder	PASS
Color	White	White	PASS
Moisture	≤ 7%	4.86%	PASS
Ash	≤ 0.45%	0.44%	PASS
Sulfate	≤ 0.10%	0.120%	PASS
Clarity @1.5% (NTU)	≤ 4	3.90	PASS
Gelling Temperature @1.5%	36°C ± 1.5°C	36.1°C	PASS
Melting Temperature @1.5%	88°C ± 1.5°C	88.8°C	PASS
Gel Strength @1.0%	≥ 1000	1,190.g/cm ²	PASS
Gel Strength @1.5%	≥ 2200	2,840g/cm ²	PASS
pH (in solution)		6.44	PASS
pH (in gel)		7.11	PASS
Colorimetry (Absorbance)		0.028	PASS
DNase and RNase assay	PASS / FAIL	None Detected	PASS

PARTICLE SIZE

Over sieve 60 _____ 0.70%
Over sieve 100 _____ 15.05%
Over sieve 140 _____ 33.45%
Over sieve 200 _____ 23.40%
Under sieve 200 _____ 28.90%

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

11/08/21
Date

FOR RESEARCH AND DEVELOPMENT PURPOSES ONLY

Building Quality Scientific.