

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# _____ 20C2001

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: _____ 01/2025

SPECIFICATIONS

	Specification	Analysis	Disposition
Appearance	Fine, homogeneous powder	Fine, homogeneous powder	PASS
Color	White	White	PASS
Moisture	≤ 7%	5.82%	PASS
Ash	≤ 0.45%	0.33%	PASS
Sulfate	≤ 0.10%	0.102%	PASS
Clarity @1.5% (NTU)	≤ 4	3.89	PASS
Gelling Temperature @1.5%	36°C ± 1.5°C	35.3°C	PASS
Melting Temperature @1.5%	88°C ± 1.5°C	88.8°C	PASS
Gel Strength @1.0%	≥ 1000	1,190g/cm ²	PASS
Gel Strength @1.5%	≥ 2200	2,610g/cm ²	PASS
pH (in solution)		6.42	PASS
pH (in gel)		6.63	PASS
Colorimetry (Absorbance)		0.027	PASS
DNase and RNase assay	PASS / FAIL	None Detected	PASS

PARTICLE SIZE

Over sieve 60 _____ 0.20%
Over sieve 100 _____ 17.65%
Over sieve 140 _____ 38.80%
Over sieve 200 _____ 19.60%
Under sieve 200 _____ 24.55%

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

03/10/20
Date

FOR RESEARCH AND DEVELOPMENT PURPOSES ONLY

Building Quality Scientific.