

Certificate of Analysis



SCIENTIFIC

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AGAROSE Pulse-Field Gel Electrophoresis

PRODUCT NUMBER

IB70060 _____ 25gm
IB70061 _____ 50gm
IB70062 _____ 100gm
IB70063 _____ 250gm
IB70064 _____ 500gm
IB70065 _____ 1kg

LOT NO.

Lot# _____ 21B2002

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: _____ 22/2022

SPECIFICATIONS

	Specification	Analysis	Disposition
Appearance	Fine, homogeneous powder	Fine, homogeneous powder	PASS
Moisture	≤ 7%	5.15%	PASS
Ash	≤ 0.25%	0.17%	PASS
EEO	≤ 0.12	0.10	PASS
Sulfate	≤ 0.12%	0.080%	PASS
Clarity @1.5% (NTU)	≤ 4	3.87	PASS
Gelling Temperature @1.5%	36°C ± 1.5°C	35.5°C	PASS
Melting Temperature @1.5%	88°C ± 1.5°C	88.9°C	PASS
Gel Strength @1.0%	≥ 1800	1,940g/cm ²	PASS
Gel Strength @1.5%	≥ 3200	3,740g/cm ²	PASS
pH (in solution)		6.60	PASS
pH (in gel)		7.43	PASS
Colorimetry (Absorbance)		0.030	PASS
DNase and RNase assay	PASS / FAIL	None Detected	PASS

PARTICLE SIZE

Over sieve 60 _____ 0.20%
Over sieve 100 _____ 19.00%
Over sieve 140 _____ 44.40%
Over sieve 200 _____ 23.45%
Under sieve 200 _____ 16.40%

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

02/09/21
Date

FOR RESEARCH AND DEVELOPMENT PURPOSES ONLY

Building Quality Scientific.