



LABPRO CHEM

"Essential Laboratory Chemicals For Scientific Research and Experimentation, Ensuring Accuracy And Precision In Every Process."

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CERTIFICATE OF ANALYSIS

Product: AGAROSE (H) (High EEO) For Microbiology

Cat No: LA0137

CAS No: 9012-36-6

Batch No: 452HB

Date of Manufacture: JUNE 2025

Date of Expiry: DECEMBER 2030

Parameters	Specification	Result
Appearance	White to off-white powder	Complies
Electroendosmosis (EEO)	≥ 0.15	0.16
Gel Strength (1.0% solution)	$\geq 1200 \text{ g/cm}^2$	1285 g/cm^2
Moisture Content	$\leq 10.0\%$	7.4%
Ash Content	$\leq 0.4\%$	0.18%
Sulfate Content	$\leq 0.2\%$	0.05%
Gelling Temperature (1.5%)	35–39°C	37°C
Melting Temperature (1.5%)	87–90°C	89°C
DNase, RNase, Protease Activity	Not detected	Not detected
Clarity (1% solution)	$\geq 90\%$ transmittance at 260 nm	93%
Solubility	Soluble in boiling water, forms clear gel	Passes

Approved By

(Quality Control Department)

Date: 23/06/2025

For LABPRO CHEM
AUTH SIGNATORY

Signature: _____

TESTED BY
PREM SINGH

APPROVED BY
SHAKIL AHMED