



## 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 TYPE A – For Molecular Biology

**Cat No:** LA0150

**CAS No:** 9012-36-6

**Batch No:** 405HH

**Date of Manufacture:** JUNE 2025

**Date of Expiry:** DECEMBER 2030

Parameters	Specification	Result
Appearance	White to off-white fine powder	Complies
Gel Strength (1.0% solution)	$\geq 1200 \text{ g/cm}^2$	1280 $\text{g/cm}^2$
EEO (Electroendosmosis)	0.10 – 0.14 (suitable for molecular biology)	0.12
Moisture Content	$\leq 10.0\%$	6.5%
Ash Content	$\leq 0.4\%$	0.19%
Sulfate Content	$\leq 0.2\%$	0.04%
Gelling Temperature (1.5% solution)	35–39°C	37°C
Melting Temperature (1.5% solution)	87–90°C	89°C
Clarity (1% in water at 260nm)	$\geq 90\%$ transmittance	93%
DNase, RNase, Protease	Not detected	Not detected
Solubility	Soluble in boiling water, forms strong transparent 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