



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: AGAR AGAR POWDER For Bacteriology

Cat No: LA0135

CAS No: 9002-18-0

Batch No: 564HB

Date of Manufacture: JUNE 2025

Date of Expiry: DECEMBER 2030

Parameters	Specification	Result
Appearance	Off-white to pale yellow fine powder	Complies
Gel Strength (1.5% solution)	$\geq 750 \text{ g/cm}^2$	820 g/cm ²
Moisture Content	$\leq 12.0\%$	9.8%
Sulphate (as SO ₄)	$\leq 1.5\%$	1.1%
Ash Content	$\leq 5.0\%$	3.4%
pH (1% solution at 25°C)	6.0 – 7.5	6.8
Foreign Insoluble Matter	Nil	Nil
Solubility	Soluble in boiling water	Passes
Microbiological Purity	Complies with food-grade limits	Complies
Arsenic (As)	$\leq 1 \text{ ppm}$	<1 ppm
Lead (Pb)	$\leq 2 \text{ ppm}$	<2 ppm

Approved By

(Quality Control Department)

Date: 23/06/2025

For LABPRO CHEM
AUTH SIGNATORY

Signature: _____

TESTED BY
PREM SINGH

APPROVED BY
SHAKIL AHMED