



## 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 Microbiology

**Cat No:** LA0136

**CAS No:** 9002-18-0

**Batch No:** 415GH

**Date of Manufacture:** JUNE 2025

**Date of Expiry:** DECEMBER 2030

Parameters	Specification	Result
Appearance	Off-white to light beige fine powder	Complies
Gel Strength (1.5% solution)	$\geq 1000 \text{ g/cm}^2$	1050 g/cm <sup>2</sup>
Clarity of 1.5% Solution	Clear, free from particles	Passes
pH (1.5% solution at 25°C)	6.0 – 7.2	6.7
Moisture Content	$\leq 12.0\%$	9.1%
Ash Content	$\leq 5.0\%$	3.3%
Sulfated Ash	$\leq 6.5\%$	4.2%
Heavy Metals (as Pb)	$\leq 10 \text{ ppm}$	<5 ppm
Arsenic (As)	$\leq 1 \text{ ppm}$	<1 ppm
Microbiological Suitability	Supports microbial growth, suitable for culture media	Complies
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