

Agarose Powder — Molecular Biology Grade

Catalogue No. AS-1015 · Low EEO · For Gel Electrophoresis

Product Identification

Product Name	Agarose Powder — Molecular Biology Grade
Catalogue Number	AS-1015
Lot Number	AS-1015-2506
Manufactured Date	2025.06.01
Expiry Date	2027-12-31
Manufacturer	AuSaMicS Pty Ltd
Address	31 Longview CT, Thomastown, VIC 3074, Australia
ABN	56 676 640 467

Physicochemical Specifications

Test Parameter	Specification	Result	Status
Appearance	Off-white to white powder	Off-white to white powder	Passed
Solubility (1g/100mL water)	Clear, colourless solution	Clear colourless solution	Passed
Moisture	≤ 12.0%	7.30%	Passed
Gel Strength (1.0%)	≥ 1,200 g/cm ²	1,312 g/cm ²	Passed
EEO (Electroendosmosis, - Mr)	≤ 0.15	0.09	Passed
Sulphate Content	≤ 0.15%	0.09%	Passed
Ash Content	≤ 0.5%	0.12%	Passed
Gelling Point (1.5%)	35 – 37°C	36°C	Passed
Melting Point (1.5%)	87 – 89°C	88°C	Passed
DNase	None detectable	None	Passed
RNase	None detectable	None	Passed
Protease	None detectable	None	Passed
Endonuclease/Ligase Inhibitory Factor	None detectable	None	Passed

Quality Control

Parameter	Value / Criteria	Result	Status
DNA separation (1% gel, 1× TBE)	Sharp bands, no smearing	Sharp bands	✓ Pass
RNA separation (1% gel, 1× TAE)	Sharp bands, no degradation	Sharp bands	✓ Pass

QC conducted per ISO 11133:2014 where applicable.

✓ PRODUCT RELEASED — CONFORMS TO SPECIFICATIONS

This batch has been tested and meets all specified quality standards for release. This certificate is produced electronically and valid without a signature.

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