

Certificate of Analysis

Catalogue No: MB052

Product name: Agarose (ultrapure grade)

Batch No: YR111

Expiry Date: 08/2030

Certification Date: 03/12/2025

	Specification	Result
Ash (%)	≤ 0.4	Pass
Clarity 1.5%	≤ 3	Pass
Gel strength 1% (g/cm ²)	≥ 1200	Pass
Gel strength 1.5% (g/cm ²)	≥ 2500	Pass
Gelling temperature 1.5% (°C)	36 ± 1.5	Pass
Melting temperature 1.5% (°C)	88 ± 1.5	Pass
DNase/RNase activity	None detected	Pass
EEO	0.05 - 0.13	Pass
Moisture (%)	≤ 10	Pass
Gel background	Very low	Pass
Colour	White	Pass
Appearance	Fine, homogeneous powder	Pass
DNA binding	None detected	Pass
DNA resolution	Finely resolved	Pass
Inhibition to restriction enzymes and ligase	None detected	Pass
Sulphate (%)	≤ 0.1	Pass

This batch meets our specification.

Validated by
Elisa Cabral

(as this certificate is a computer printout, it has not been signed or dated by hand)