

CERTIFICATE OF ANALYSIS

PRODUCT NAME. Agarose Ultrapure
CAS NO. 9012-36-6
BATCH NO. 24/MFM/3050
MANUFACTURING DATE: 7th December 2023
EXPIRY DATE: 6th December 2025

TESTS	SPECS	RESULTS
Appearance	Powder	Conforms
Colour	White or off-white powder	Conforms
Endonuclease/ligase inhibitory factor	Negative	Pass
Gel Strength (1.0% Gel)	=>1200 g/cm2	1260 g/cm2
EEO (Electroendosmosis(-Mr)	<= 0.13	0.12
Water	<= 10.0%	8.8%
Sulfate	<= 0.15%	0.13%
Ash	<= 0.5%	0.16%
DNase	Negative	Conforms
RNase	Negative	Conforms
Protease	Negative	Conforms
Melting Point °C	88 ± 1.5°C	89.1°C
Gelling Point °C	36 ± 1.5°C	37.3°C
Solubility (1% water)	Clear colourless solution	Conforms

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21st December 2023