

CERTIFICATE OF ANALYSIS

PRODUCT NAME.	Agarose
CAS NO.	9012-36-6
BATCH NO.	23/MFM/3033
MANUFACTURING DATE:	22 nd July 2023
EXPIRY DATE:	22 nd July 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	1230 g/cm2
EEO (Electroendosmosis(-Mr))	<= 0.13	0.10
Water	<= 10.0%	8.2%
Sulfate	<= 0.15%	0.13%
Ash	<= 0.5%	0.18%
DNase	Negative	Conforms
RNase	Negative	Conforms
Protease	Negative	Conforms
Melting Point °C	88 ± 1.5°C	89.2°C
Gelling Point °C	36 ± 1.5°C	37°C
Solubility (1% water)	Clear colourless solution	Conforms

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31st October 2023