

**CERTIFICATE OF ANALYSIS**

Product Name: Agarose (CAS NO: 9012-36-6)

Cat. No. E0301

Grade: Electrophoresis grade

Batch No.: 120305

Report date: 26 May, 2012

TEST	SPECIFICATION	RESULTS
Appearance:	white to off-white powder	white powder
Solubility:	clear colorless solution at 1g plus 100ml water	pass
Water:	10% max.	9%
Gel strength(1% Gel):	1200 g/cm ² min.	1460 g/cm ²
EEO(Electroendosmosis):	0.13 max.	0.08
Sulfate:	0.20% max.	0.10%
Gelling point (1.5% Gel):	36°C ± 1.5°C	36°C
Melting point (1.5% Gel):	88°C ± 1.5°C	88°C
DNase:	NONE	pass
RNase:	NONE	pass
Protease:	NONE	pass
Endonuclease/ligase inhibitory factor:	NONE	pass