

# CERTIFICATE OF ANALYSIS

**Product Name : Agarose**

**(CAS NO : 9012-36-6)**

**Grade: Biotechnology grade**

**Lot No. :1461000**

**Report date: 13 May , 2014**



TEST ITEM	SPECIFICATION	RESULTS
Appearance:	white to off-white powder	white powder
Solubility: clear colorless solution at 1G plus 100ml water		pass
Water:	10% max.	9.7%
Gel strength(1% Gel):	1200 g/cm <sup>2</sup> min.	1503g/cm <sup>2</sup>
EEO(Electroendosmosis(-Mr):	0.13 max.	0.1
Sulfate:	0.15% max.	0.09%
Ash:	0.5% max.	0.30%
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

Signature

A handwritten signature in black ink, appearing to be the initials "Imi" followed by a period.

Title

QC Manager