



# Product Specification

cdhfinechemical.com

## AGAROSE LOW EEO REGULAR GRADE

<b>PRODUCT CODE</b>	<b>911100</b>
<b>SYNONYMS</b>	--
<b>C.I. NO.</b>	--
<b>CASR NO.</b>	<b>9012-36-6</b>
<b>ATOMIC OR MOLECULAR FORMULA</b>	--
<b>ATOMIC OR MOLECULAR WEIGHT</b>	--
<b>PROPERTIES</b>	--

<b>PARAMETER</b>	<b>LIMIT</b>
Description	White to off white free flowing powder.
Solubility	1.5% aq. hot soln. clear & colourless
Gelling temperature (1.5% aq. sol.)	36°C ± 1.5°C
Gel Strength(1.5% gel)	Min. 1200g/cm <sup>2</sup>

### MAXIMUM LIMIT OF IMPURITIES

Loss on drying	10.0%
Sulphated Ash	0.5%
Sulphate (SO <sub>4</sub> )	0.15%
Elcetroendosmosis EEO(-Mr)	0.09-0.13
Absorbance (A) of 1.5% aq. Solution at ~50°C in a 1 cm cell v/s H <sub>2</sub> O	
A 1.5% aq.~50°C.430nm	0.1
A 1.5% aq.~50°C.525nm	0.05
A 1.5% aq.~50°C.655nm	0.03

**Note(s):** A highly purified low EEO Agarose suitable for routine nucleic acid analysis, having good resolution & low staining background. Can be used for various routine applications like nucleic acid separation & purification, checking PCR products & plasmid preparations, RE analysis and immunoelectrophoresis techniques, etc. Ranges of separation: 100bp to 25kb.

<b>WARNING</b>	IMDG Code : -- UN No. : -- IATA : --
<b>Hazard statements:</b> - Not hazardous. No hazards.	
<b>Precautionary statements</b>	
<b>Prevention:</b> ----- <b>Response:</b> ----- <b>Disposal:</b> -----	

**Hazard Pictogram(s) :-----**

Replace Date 22-Aug.-2018