



AGAROSE LOW EEO REGULAR GRADE

PRODUCT CODE	R02010
SYNONYMS	--
C.I. NO.	--
CASR NO.	9012-36-6
ATOMIC OR MOLECULAR FORMULA	--
ATOMIC OR MOLECULAR WEIGHT	--
PROPERTIES	--
PARAMETER	LIMIT
Description	White to off white free following 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 ²
MAXIMUM LIMIT OF IMPURITIES	
Loss on drying	10.0%
Sulphated Ash	0.5%
Sulphate (SO ₄)	0.15%
Eletroendosmosis EEO(-Mr)	0.09-0.13
Absorbance (A) of 1.5% aq. Solution at ~50°C in a 1 cm cell v/s H ₂ O	
A 1.5% aq.~50 ⁰ C.430nm	0.1
A 1.5% aq.~50 ⁰ C.525nm	0.05
A 1.5% aq.~50 ⁰ 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.	
WARNING Hazard statements: - Not hazardous. No hazards. Precautionary statements Prevention: Responce: Disposal: -----	IMDG Code : -- UN No. : -- IATA : --
Hazard Pictogram(s) :-----	
<p>GHS05 GHS07</p>	

Replace Date 1 April 2023

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