



Product Specification

cdhfinechemical.com

AGAROSE LOW-8 SUITABLE FOR MOLECULAR BIOLOGY FOR DNA

PRODUCT CODE	911350
SYNONYMS	--
C.I. NO.	--
CASR NO.	9012-36-6
ATOMIC OR MOLECULAR FORMULA	--
ATOMIC OR MOLECULAR WEIGHT	--
PROPERTIES	--

PARAMETER	LIMIT
Description	A White to off-white free flowing powder.
Solubility	1.5% hot aqueous solution is clear and colourless.
Gel strength (1.5% Gel)	Min 600g/cm ²
Gel strength (3% Gel)	Min 1500 g/cm ²

MAXIMUM LIMITS OF IMPURITIES	
Clarity 1.5% (NTU)	5
Moisture	7.0%
Sulphated ash	0.35%
Sulphate (SO ₄)	0.11%
EEO (-Mr)	0.12
Gelling Temperature (3%)	35.5°C
Melting Temperature (3%)	80°C
Ranges of separation : (10-1900bp)	
1.8%	400-1200bp
3%	150-800bp
4.5%	15-400bp

Note(s) :Agarose Low-8 has been specially developed for molecular screening applications and improves resolution of small DNA fragments and PCR products.To achieve the best resolution of Agarose Low-8 gels, they should be stored at 4⁰ -8⁰ C for 30 minutes before use.

WARNING	IMDG Code : -- UN No. : -- IATA : --
Hazard statements: - Not hazardous. No hazards.	
Precautionary statements	
Prevention: ----- Response: -----	
Disposal: -----	
Hazard Pictogram(s) :-----	