

Product Specification Sheet



Product Code : BIO-1000

Identifier : Agarose

Grade : Biotechnology

Appearance : Fine white powder

Molecular Formula : Not Applicable

Molecular Weight : Not Applicable

Product Description : A low EEO agarose with high electrophoresis mobility. Suitable for nucleic acid and protein analytical, preparative electrophoresis and blotting.

Storage Condition : Store at room temperature. Protect from moisture.

<u>Assay:</u>	<u>Specification:</u>
Ash	≤ 0.4 %
DNase/RNase activity	NONE
DNA resolution ≥ 1000 bp	Finely resolved
EEO (-Mr)	0.05 – 0.13
Clarity 1.5% (NTU)	≤ 3
Gel Strength 1% (g/cm ²)	≥ 1200
Gel Strength 1.5% (g/cm ²)	≥ 2500
Gelling Temperature 1.5% (°C)	36 ± 1.5
Melting Temperature 1.5% (°C)	88 ± 1.5
Gel background	Very low
Moisture	≤ 8 %
Sulfate	≤ 0.1 %

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