



Product Specifications

AGAROSE Low Melting Point

<u>Catalog #</u>	<u>Size</u>
IB70051	25gm
IB70050	50gm
IB70056	100gm
IB70057	250gm
IB70058	500gm
IB70059	1Kg

Physical Specifications

CAS#	9012-36-6
Moisture	≅7%
Ash	≅0.4%
EEO	≅0.12
Sulfate	≅.12%
Clarity @ 1.5% (NTU)	≅4
Gel Strength @ 1.5% (g/cm ²)	≅500
Gelling Temperature @ 1.5%	24°C - 28°C
Melting Temperature @ 1.5%	≅65.5°C

Molecular Biology Specifications

DNase assay	None Detected
RNase assay	None Detected
Protease assay	None Detected
Gel analysis assay	Pass
DNA Extraction assay	Pass

Recommended Use

IBI Molecular Biology Grade LMP Agarose is commonly used as a gel matrix when fragment recovery after electrophoresis is desired. It can also be used for preparing large DNA samples for plugs.

Storage

Store at room temperature. Protect from moisture. Light Sensitive.

LMP Agarose gels may be stored wrapped in plastic or submerged in 1X running buffer at +4°C until needed.

Warning

Avoid contact with eyes, skin, and clothes. Wash thoroughly with water after handling. See Material Safety Data Sheet for additional information.