



# Product Specifications

## AGAROSE

<u>Catalog #</u>	<u>Size</u>
IB70035	25gm
IB70040	100gm
IB70041	250gm
IB70042	500gm
IB70045	1Kg
IB70046	2.5Kg
IB70047	5Kg

### Physical Specifications

CAS#	9012-36-6
Moisture	≅7%
Ash	≅0.4%
EEO	.05-.13
Sulfate	≅.10%
Clarity @ 1.5% (NTU)	≅3
Gel Strength @ 1.0% (g/cm <sup>2</sup> )	≅1200
Gel Strength @ 1.5% (g/cm <sup>2</sup> )	≅2500
Gelling Temperature @ 1.5%	36°C ± 1.5°C
Melting Temperature @ 1.5%	88°C ± 1.5°C

### Molecular Biology Specifications

DNase assay	None Detected
RNase assay	None Detected
Protease assay	None Detected
Gel analysis assay	Pass
DNA Resolution	≅ 1000bp (Finely Resolved)
DNA Extraction assay	Pass
Gel Background	Very Low

### Storage

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

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 clothing. Wash thoroughly with water after handling. See Material Safety Data Sheet for additional information.