



Product Specifications

AGAROSE, P.F.G.E.

<u>Catalog #</u>	<u>Size</u>
IB70060	25gm
IB70061	50gm
IB70062	100gm
IB70063	250gm
IB70064	500gm
IB70065	1Kg

Physical Specifications

CAS#	9012-36-6
Moisture	≅7%
Ash	≅0.25%
EEO	≅0.12
Sulfate	≅0.12%
Clarity @ 1.5% (NTU)	≅4
Gel Strength @ 1.0% (g/cm ²)	≅1800
Gel Strength @ 1.5% (g/cm ²)	≅3200
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.