



Product Specifications

IBI BASIC AGAROSE

<u>Catalog #</u>	<u>Size</u>
IB70070	100gm
IB70071	250gm
IB70072	500gm
IB70073	1Kg
IB70074	5Kg

Physical Specifications

CAS#	9012-36-6
Ash	≅4.50%
Sulfate	≅0.10%
Clarity @ 1.5% (NTU)	≅4NTU
Gel Strength @ 1.0% (g/cm ²)	≅1000
Gel Strength @ 1.5% (g/cm ²)	≅2200
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
Endonuclease assay	None Detected
Gel analysis assay	Pass

Recommended Use

IBI Basic Agarose is a molecular biology certified agarose for use in standard electrophoresis procedures. IBI Basic Agarose has excellent gel strength and clarity, and provides clear concise bands. IBI Basic Agarose is a high-quality, low-cost alternative for use in life science research laboratories. Stretch your research dollars by using IBI Basic Agarose.

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.