



Product Specifications

AGAROSE Ultra Sieve

<u>Catalog #</u>	<u>Size</u>
IB70054	25gm
IB70055	250gm

Physical Specifications

CAS#	9012-36-6
Melting Temperature	75°C
EEO (-mr):	<0.13
Sulfate:	< .1%
Gel Strength (@ 4%):	> 800 g/cm ²
Gelling Point:	35 °C
Ash	<0.3%
Moisture	<7%

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

Ultra Sieve Agarose is designed for high resolution electrophoresis where resolution of polyacrylamide gels are needed. Ultra Sieve Agarose improves clarity of gels and enhances visualization, even at high concentrations. Ultra sieve Agarose has low viscosity, therefore high concentration gels can be made with high resolving capacity. The high gel strength, low concentration 1.0-1.5% can also be made.

Storage

Store stored at room temperature. Protect from moisture.

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.