

Agarose MS-6 Metagel

Cat. 8001

Molecular screening with improved resolution and efficiency for small DNA fragments (<800 b.p.) and PCR products.

Practical information

Industry: Molecular biology / PCR and Electrophoresis / Cloning / Proteomics / NGS

Principles and uses

Agarose MS-6 Metagel is a high quality agarose specially formulated for molecular screening. Agarose MS-6 Metagel is an agarose with an improved efficiency resolution of small DNA fragments and PCR products.

Some important characteristics are:

- High resolution capacity close to the resolution of polyacrylamide gels.
- Improved clarity of the gel, enhancing visualization, even at high concentrations.
- High gel strength which enables an easy handling even when used at lower concentrations.

Physical-chemical characteristics

Description	Specification
Ash	<= 0,3%
DNase/RNase activity	None detected
EEO	<= 0,12
Moisture	<= 10%
Gel background	Very low
Color	White
Appearance	Fine, homogeneous powder
Clarity 3% (NTU)	<=4
Gel strength 3% (g/cm ²)	>= 800 g/cm ²
Gelling temperature 3% (°C)	<=35 °C
Melting temperature 3% (°C)	<= 75 °C
DNA resolution	Finely resolved
Sulphate	<= 0,10%

Storage

Temp. Min.:2 °C
Temp. Max.:25 °C