

Agarose MS-8

Molecular Screening - DNA Resolution < 1000 b.p.

Practical information

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

Principles and uses

An agarose for molecular screening that improves the resolution of small DNA fragments and PCR products. CONDA has produced Agarose MS-8 for applications that require an efficient separation of small DNA fragments and PCR products.

Some important features are:

- High resolution of short PCR and DNA fragments.
 - Improved clarity of the gel, enhancing visibility.
 - Better handling than competitive products because of a stronger gel structure and higher gel strength.
- The chances of gels breaking or cracking when handled are greatly minimized, even with lower concentrations of agarose.
- High gel strength allows use in blotting.

Physical-chemical characteristics

Description	Specification
Ash	<0,35%
Sulfate	<0,11%
Clarity 1,5 % (NTU)	< 5
Gel strength 1,5% (g/cm ²)	>600
DNase/RNase activity	Non detected
EEO	<0,12
DNA resolution = 1000 bp	Finely resolved
Moisture	< 7%
Color	White
Appearance	Fine, homogeneous powder
Gel strength 3% (g/cm ²)	>1500
Gelling temperature 3% (°C)	<35,5
Temperature melting 3% (°C)	<80

Storage

Temp. Min.:2 °C
Temp. Max.:25 °C