

Agarose MS-8

Cat. 8065

For molecular screening and separation of DNA fragments and PCR products.

Practical information

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

Principles and uses

Agarose MS-8 is an agarose for molecular screening that improves the resolution of small DNA fragments and PCR products. CONDALAB 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	$\leq 0,35\%$
Clarity 1,5 % (NTU)	≤ 5
Gel strength 1,5% (g/cm ²)	≥ 600
DNase/RNase activity	None detected
EEO	$\leq 0,12$
Gel background	Very low
Color	White
Appearance	Fine, homogeneous powder
Gel strength 3% (g/cm ²)	≥ 1500 g/cm ²
Gelling temperature 3% (°C)	$\leq 35,5$ °C
Melting temperature 3% (°C)	≤ 80 °C
DNA resolution	Finely resolved
Sulphate	$\leq 0,12\%$

Storage

Temp. Min.: 2 °C
Temp. Max.: 25 °C