

# Agarose MS-8

Cat. 8065

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

## Practical information

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

## Principles and uses

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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

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Description	Specification
Ash	$\leq 0,35\%$
Clarity 1,5 % (NTU)	$\leq 5$
Gel strength 1,5% (g/cm <sup>2</sup> )	$\geq 600$
DNase/RNase activity	None detected
EEO	$\leq 0,12$
Gel background	Very low
Color	White
Appearance	Fine, homogeneous powder
Gel strength 3% (g/cm <sup>2</sup> )	$\geq 1500$ g/cm <sup>2</sup>
Gelling temperature 3% (°C)	$\leq 35,5$ °C
Melting temperature 3% (°C)	$\leq 80$ °C
DNA resolution	Finely resolved
Sulphate	$\leq 0,12\%$

## Storage

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Temp. Min.: 2 °C  
Temp. Max.: 25 °C