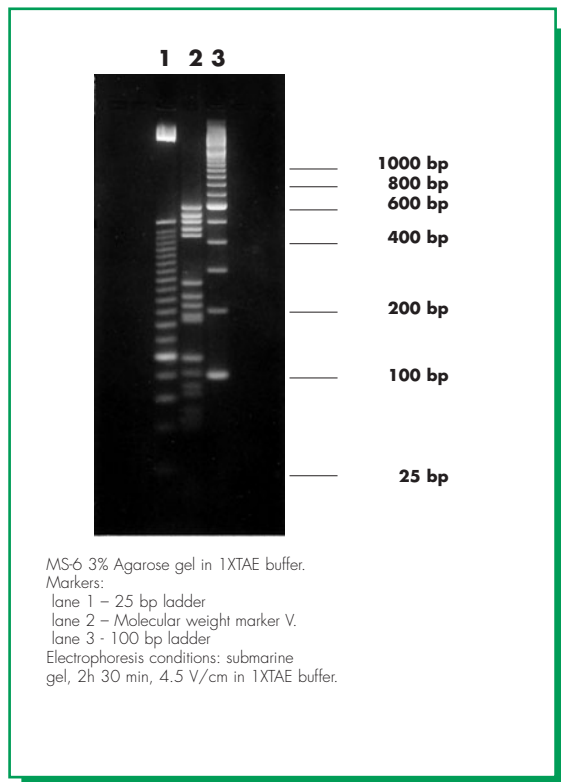


## MS-6 / Metagel Agarose New!

MS-6 Agarose is a high quality agarose specially formulated for molecular screening.

With MS-6 Agarose brings you an agarose with an improved efficiency resolution of small DNA fragments and PCR products.



### Features:

- 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.

### Functional Test:

- DNA resolution: bands appear sharp and finely resolved.
- DNAse/RNAse activity: none detected.
- Gel background : very low after EtBr staining.
- DNA binding: very low.

### Specifications:

	MS-6
Moisture	≤ 7 %
Ash	≤ 3 %
EEO	≤ 0.12
Sulfate	≤ 0.1 %
Clarity (3%) (NTU)	≤ 4
Gel strength (3%) (g/cm <sup>2</sup> )	≥ 800
Gelling T° (3%) (°C)	≤ 35
Melting T° (3%) (°C)	≤ 75

### Ranges of separation:

20 – 1000 bp at concentrations between 2 –5% in 1X TAE buffer. To improve resolution capacity for smaller sizes TBE buffer should be used .

To achieve the best resolution, MS- 6 Agarose gels must be chilled at 4-8° C for 30 minutes before use.