

# Agarose, For General Gel Electrophoresis

Catalog Number: 2001

Product of Spain

## Applications

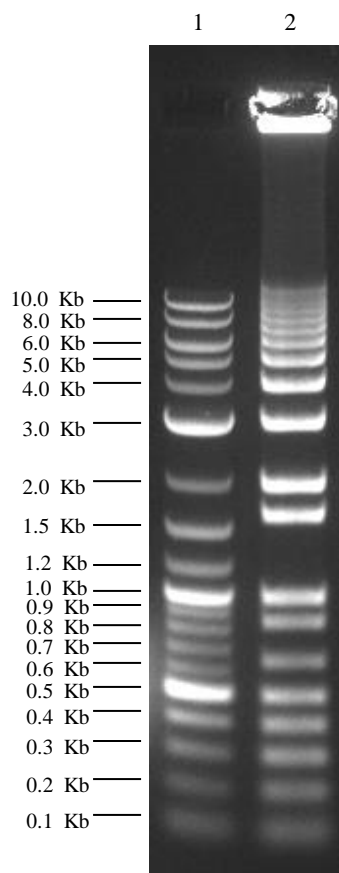
- routing nucleic acid analytical and preparative electrophoresis, separate DNA and RNA fragments from 100bp to 10kb.
- Southern blotting, Northern blotting.

## Features

- Low EEO (electroendosmosis).
- Easy dissolving for quick preparation of the gel by boiling or microwaving.
- High gel strength.
- Great thermal stability.
- Excellent transparency of the gel and high visibility.
- Low absorption of staining agents.

## Specifications

Moisture	≤ 7%
Ash	≤ 4%
EEO	0.05 – 0.13
Sulfate	≤ 0.1%
Clarity 1.5% (NTU)	≤ 3
Gel Strength 1% (g / cm <sup>2</sup> )	≥ 1200
Gelling Temperature 1.5 % (°C)	36 ± 1.5
Melting Temperature 1.5 % (°C)	88 ± 1.5
DNase / RNase Activity	None detected



Samples: 500ng of: Lane1: 2-Log DNA Ladder (NEB); Lane2: 1 Kb Plus DNA Ladder (Invitrogen)  
Electrophoresis Condition: 0.8% agarose gel in XTAE,  
10v/cm for 45 minutes.

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