

Agarose E

Store between 15°C-25°C

MOLEQULE-ON[®]

Size	Cat No.
100 g	CH-M-004-100
250 g	CH-M-004-250
500 g	CH-M-004-500
1000 g	CH-M-004-1000

Description

MOLEQULE-ON Agarose E is ideal for routine rapid separations of DNA and RNA fragments as well as PCR products, the preparation of plasmids, and for screening, cloning and blotting techniques. Agarose E has high gel strength even at low concentrations, so use rates are 0.75 - 2%. It is effective in blotting and in separations of nucleic acid fractions from 250 base pair to 23 kilo bases.

Specifications

Ash Content	≤ 0.45%
Sulfate	≤ 0.1%
Clarity 1.5 % (NTU)	≤ 4 NTU
Gel Strength 1% (g/cm ²)	≥ 1000
Gel Strength 1.5 % (g/cm ²)	≥ 2200
Gelling Temperature 1.5 % (°C)	36 ± 1.5
Melting Temperature 1.5 % (°C)	88 ± 1.5
DNase/ RNase activity	not detected

Features

- Easy dissolution and rapid gelling
- Excellent transparency and low background staining gives clear band visibility
- Sharp and well defined bands
- Very low DNA binding
- High electrophoresis mobility
- Nucleic acid analytical and preparative electrophoresis
- Blotting assays
- Protein electrophoresis such as radial immunodiffusion