

AGAR-E00

LIFEKEM, Molecular Genetic Grade

Agarose E GEN
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CAS: 9012-36-6 EC: 232-658-1 Taric code: 13023100

SPECIFICATIONS:

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.

USES:

- Analytical separation \geq 1000 bp
- Blotting

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
- 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 bp to 23 Kb.

PHYSICO-CHEMICAL PROPERTIES:

Appearance	White cream powder
Moisture	\leq 10 %
Ash	\leq 0.45 %
EEO (Electroendosmosis)	0.05 - 0.13
SO ₄	\leq 0.1 %
Gel strength 1%	1000 g/cm ²
Gel strength 1.5%	2200 g/cm ²
Melting point (1.5%)	88 \pm 1.5 °C
Gel point (1.5%)	36 \pm 1.5 °C
Transparence (1.5%)	4 NTU
Storage temperature	2 °C to 25 °C

Note:

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