

AGAR-D1L

LIFEKEM, Molecular Genetic Grade

Agarose D1 low EEO (electroendosmosis) GEN
Agarosa D1 baja EEO (electroendosmosis) GEN
Agarose D1 faible EEO (électro-osmose) GEN

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

SPECIFICATIONS:

USES:

- Nucleic acid analytical and preparative electrophoresis.
- Blotting.
- Protein electrophoresis such as radial immunodiffusion.
- Analytical separation ≥ 1000 bp
- DNA Typing
- Blotting

FEATURES:

- Extraordinary mechanical resistance for more reliable and easier handling.
- Possibility of varying pore size in accordance with particle size by modifying the gel concentration.
- Easy preparation of the gel by simple dilution in aqueous buffers either by standard boiling or microwaving.
- Greater thermal stability due to high hysteresis (difference between gelling and melting temperatures).
- Excellent transparency of the gel & visibility.
- Exceptionally low absorption of staining agents.
- Absence of toxicity (the alternative is polyacrylamide which can be toxic).

PHYSICO-CHEMICAL PROPERTIES:

Appearance	White cream powder
Moisture	≤ 10 %
Ash	≤ 0.4 %
EEO (Electroendosmosis)	0.05 - 0.13
SO ₄	≤ 0.1 %
Gel strength 1%	1200 g/cm ²
Gel strength 1.5%	2500 g/cm ²
Melting point (1.5%)	88 \pm 1.5 °C
Gel point (1.5%)	36 \pm 1.5 °C
Transparence (1.5%)	3 NTU
Storage temperature	2 °C to 25 °C

Note:

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