

ag a r o s e



CleverGEL is an environmentally friendly agarose suitable for analysis of nucleic acids using standard electrophoretic procedures

Agarose

- High purity and Multi- purpose
- Green Agarose Product
- Low background and high resolution sharp band
- Optimised gel strength for ease of gel preparation
- Ideal for routine analytical electrophoresis and blotting of DNA and RNA 0.1-10Kb in size

CleverGEL is a new environmentally friendly agarose suitable for routine analysis of nucleic acids using standard electrophoretic procedures.

CleverGEL is manufactured by a process which excludes organic solvents harmful to marine life, making it far kinder to the environment than conventional agarose.

A low EEO (electroendosmotic) flow minimises diffusion so that even the smallest of nucleic acid fragments remains sharp and tightly resolved, while a high gel strength aids handling and maintains compatibility with blotting techniques.



TECHNICAL SPECIFICATIONS

| | Low EEO |
|--------------------------|--|
| CAS | 9012-36-6 |
| Gelling Point* | 36°C±1.5°C |
| Melting Point* | 88°C±1.5°C |
| Solubility | Clear, colourless @ 1% [w/v] solution |
| Moisture | ≤10% |
| Gel Strength | >1200 g/cm ² (1% [w/v] Gel) |
| Nuclease & Protease Free | Yes |

*For a 1.5% [w/v] gel

ORDERING INFORMATION

General Purpose

| | | | |
|------------|---|------------|----------------------------------|
| CSL-AG5 | Agarose 5g, Low EEO | CSL-AG2000 | Agarose 2000g, Low EEO (4x500g) |
| CSL-AG100 | Agarose 100g, Low EEO | CSL-AG5000 | Agarose 5000g, Low EEO (10x500g) |
| CSL-AG500 | Agarose 500g, Low EEO | CSL-AG10KG | Agarose 10Kg, Low EEO (20x500g) |
| CSL-AG1000 | Agarose 1000g, Low EEO (2x500g bottles) | | |

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