

Technical Datasheet

Article No. 9920

Agarose Standard, for electrophoresis routine applications

For laboratory use.

| Parameter | Value |
|---|-------------------------|
| Appearance | fine, homogenous powder |
| Color | white |
| Gel strength 1 % (g/cm ²) | ≥ 1000 |
| Gel strength 1.5 % (g/cm ²) | ≥ 2000 |
| Clarity 1.5 % (NTU) | ≤ 4 |
| Gelling temperature 1.5 % (°C) | 36 ± 1.5 |
| Melting temperature 1.5 % (°C) | 88 ± 1.5 |
| EEO | 0.14-0.16 |
| Ash | ≤ 0.45 % |
| Moisture | ≤ 10 % |
| Sulfate | ≤ 0.15 % |
| DNase/RNase activity | none detected |

Features

- ✓ For efficient separation of nucleic acid fragments from 250 bp to 23 kbp
- ✓ Applied in concentrations from 0.75 to 2 %
- ✓ Easy dissolution and rapid gelling
- ✓ Excellent transparency and low background staining gives clear, sharp and well defined bands

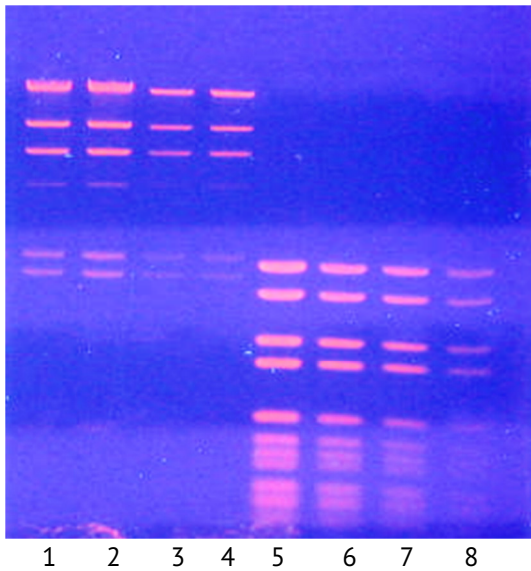
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Functional Test



1 % Agarose gel in 1X TAE buffer

Lanes 1-4: Lambda DNA. HindIII (0.12- 23.1 kbp)

Lanes 5-8: pBR328DNA. BglII + pBR328 DNA. Hinfl (0.15 -2.1 kbp)