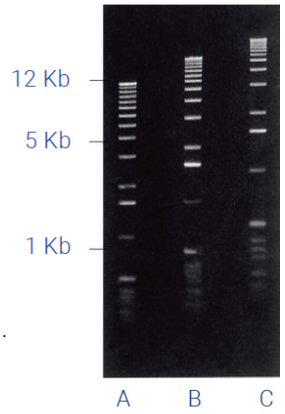
Sealine Agarose HBS0004

Sealine Agarose Low EEO is available as Quick Soluble for different uses.



Agarose gels in 1XTAE buffer
A-0,75%; B-1,0%; C-1,25%.

Marker: 1Kb ladder.

Electrophoresis conditions:
· 2 hours 30 min
· 4,5 V/cm in 1XTAE buffer

Applications :-

Sealine with Low EEO. High electrophoretic mobility :-

- Nucleic acid analysis and preparative electrophoresis.
- Blotting.
- Protein electrophoresis such as radial immunodiffusion.

SPECIFICATIONS & FUNCTIONAL TESTS :-

* EEO (Electroendosmosis)	Sealine Agarose
Moisture:	≤ 10%
Ash:	≤ 0,4%
*EEO:	0,05–0,13
Sulfate:	≤ 0,1%
Clarity (1,5%):	≤ 3 NTU
Gel strength (1,0%):	≥ 1200 g/cm2
Gel strength (1,5%):	≥ 2500 g/cm2
Gelling temperature (1,5%):	36 ± 1,5 °C
Melting temperature (1,5%):	88 ± 1,5 °C
DNase/RNase activity:	None detected
DNA resolution ≥ 1000 bp:	High capacity
Gel background:	Very low

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 gel preparation by simple disolution in aqueous buffers either by standard boiling or microwaving.
- Greater thermal stability due to its high hysteresis (difference between gelling and melting temperature).
- Excellent gel transparency and high visibility.
- Exceptionally low absorption of staining agents.
- Absence of toxicity (polyacrylamide is neurotoxic)