

## Standard Agarose Type LE Low Electroendosmosis

For routine gel electrophoresis

**Catalog No:** BN-50004 Size 500 g

**Lot No:** D00298

**Expiration date:** Jan 2025

**Storage:** Dry (18 – 26 °C)

### CHEMICAL AND PHYSICAL TEST RESULTS:

Appearance Fine, homogeneous powder

Color	White	Concentration	1%	1.5%
Moisture	5.52 %	Clarity (NTU)		2.84
Ash	0.26 %	pH in solution		6.64
Electroendosmosis –Mr (pH8.4, Wieme method)	0.09	pH in gel		7.08
Sulfate	0.094 %	Colorimetry (Absorbance) N m u 450		0.016
Particle size (A.S.T.M.)		Gel strength (g/cm <sup>2</sup> )	1.310g/cm <sup>2</sup>	3.075g/cm <sup>2</sup>
Over sieve 60	0.35 %	Gelling temperature		36.1 °C
Over sieve 100	18.10 %	Melting temperature		88.7 °C
Over sieve 140	40.80 %			
Over sieve 200	19.80 %			
Under sieve 200	22.95 %			

### FUNCTIONAL TEST RESULTS:

Comparative assay of different size DNA fragments	<input checked="" type="checkbox"/> Passes test
Background fluorescence assay in Ethidium Bromide	<input checked="" type="checkbox"/> Passes test
DNase and RNase	None detected

For laboratory use only.  
Manufactured in EU.