



AGAROSA LE

Molecular Biology Grade



PB-L
Productos
Bio-Lógicos®

Innovación y Desarrollo en Biotecnología

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QUALITY CONTROL CERTIFICATE

PRODUCTO: Agarosa LE
CODIGO: IB0501 – 250 gr
CODIGO: IB0502 - 500 gr
CODIGO: IB0503 - 100 gr
CODIGO: IB0504 – 1000 gr

CHEMICAL AND PHYSICAL CONTROL

Appearance: fine, homogeneous powder

Color: white

Particle Size	
Over sieve -60	0.0 %
Over sieve - 100	29.75 %
Over sieve - 140	32.85 %
Over sieve - 200	16.90 %
Under sieve - 200	20.65 %

Moisture	5.26 %
Ashes	0.39 %
Sulfate	0.087 %

Concentration: 1.5 %	
Clarity (NTU)	3.86
pH in solution	6.75
pH in gel	6.77

Colorimetry	
n m u 450	0.038

Gel strength 1%	1125 g/cm ²
Gel strength 1,5%	2860 g/ cm ²
Gel temperature 1,5 %	36.0 °C
Melting temperature 1,5 %	87.8 °C

FUNCTIONAL TEST RESULTS

DNase /RNase activity	None detected
DNA Resolution 0,01– 20 kpb	Ok (different argarose percent)
Gel Background	Very Low

LABORATORY RESULT

Satisfactory