

# AGAROSA LE

Molecular Biology Grade



Innovación y Desarrollo en Biotecnología

<http://www.pb-l.com.ar>

## QUALITY CONTROL CERTIFICATE

PRODUCTO: Agarosa LE  
CODIGO: IB005  
LOTE: 13003  
VENC: 05-18

### 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 <sup>2</sup>
Gel strength 1,5%	2860 g/ cm <sup>2</sup>
Gel temperature 1,5 %	36.0 °C
Melting temperature 1,5 %	87.8 °C

### FUNCTIONAL TEST RESULTS

DNase /RNase activity	None detected
DNA Resolution > 1000 pb	Finely resolved
Gel Background	Very Low

### LABORATORY RESULT

Satisfactory