

Certificate of Analysis

Agarose, Sepro

www.gendepot.com

Cat No : A0224 Lot No : 01061716

TEST	Specification	Result
Appearance	Fine, homogeneous powder	PASS
Color	White	PASS
Clarity (NTU)	<u>≤</u> 5	3.97
Moisture	≤ 10%	3.95%
Sulfate	<u><</u> 0.2%	0.14%
Ash	<u>≤</u> 0.5	0.37 %
Gelling Temp (at 1.5%)	36 <u>+</u> 1.5°C	PASS
Melting Temp (at 1.5%)	88 <u>+</u> 1.5°C	PASS
Gel Strength (at 1.0%) , g/cm ²	≥ 1000	1,058 g/cm ²
Gel Strength (at 1.5%). g/cm ²	≥ 2000	2,420 g/cm ²
DNase, RNase, Protease	None detected	None detected
Comparative assay of different size DNA fragments	Identical separation	PASS
Background fluorescence assay in EtBr	No background	PASS
Particle Size (A.S.T.M.) :		
Over sieve 60 - 0.86 %		
Over sieve 100 - 5.87 %		
Over sieve 140 - 18.44 %		
Over sieve 200 - 35.7%		
Under sieve 200 - 38.35 %		

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