

Certificate of Analysis

Agarose, Sepro

Cat No : A0224

Lot No : 06011818

TEST	Specification	Result
Appearance	Fine, homogeneous powder	PASS
Color	White	PASS
Clarity (NTU)	≤ 5	3.55
Moisture	$\leq 10\%$	5.8%
Sulfate	$\leq 0.2\%$	0.10%
Ash	≤ 0.5	0.32 %
Gelling Temp (at 1.5%)	$36 \pm 1.5^{\circ}\text{C}$	PASS
Melting Temp (at 1.5%)	$88 \pm 1.5^{\circ}\text{C}$	PASS
Gel Strength (at 1.0%) , g/cm ²	≥ 1000	1,140 g/cm ²
Gel Strength (at 1.5%). g/cm ²	≥ 2000	2,720 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	- 0.65 %	
Over sieve 100	- 26.50 %	
Over sieve 140	- 31.75 %	
Over sieve 200	- 19.85 %	
Under sieve 200	- 21.9 %	

This document has been produced electronically and is valid without signature

Date of Print : 6.7 . 2018