

CERTIFICATE OF ANALYSIS

Product Name : SUCROSE AR
Used in buffers for low solid concentration large pore polyacrylamide gels. This results in improved handling characteristics of the gels it is also used as thickener for sample solution to prevent in homogeneity due to convection it is useful in clarifying and layering of Samples.

Lot No. : A395412206 Analyzed On : 02-Jun-2022
Mol. Formula : C12H22O11 Mol. Weight : 342.30
Code No. : 06157 CAS No. : 57-50-1
Mfg. Date : Jun-2022 Exp. Date : May-2027
HAZ. / P.G. : - UN No. : -

Sr.	Tests	Specifications	Results
1	Appearance	Colorless Crystals or white crystalline powder	White crystalline powder
2	Specific optical rotation ($[\alpha]_{25/D}$)	+66.3° to +66.8°	+66.2625°
3	Insoluble matter	Max 0.005%	<0.005%
4	Loss on drying (at 105°C; 6 hrs)	Max 0.05%	0.049%
5	Titration acid	Max 0.0008 meq/g	0.00039 meq/g
6	Sulphated ash	Max 0.02%	0.02%
7	Chloride (Cl)	Max 0.005%	0.0034%
8	Sulphate and Sulphite (as SO ₄)	Max 0.005%	0.004%
9	Heavy metal (as Pb)	Max 0.0005%	Nil
10	Iron (Fe)	Max 0.0005%	0.000006%
11	Reducing sugars (as glucose)	Max 0.05%	<0.05%

CONCLUSION -This above product complies as per the specifications of LOBA CHEMIE PVT. LTD.



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