

CERTIFICATE OF ANALYSIS

Product Name : DEXTROSE ANHYDROUS AR/ACS
 Lot No. : B373732107 Analyzed On : 17-Jul-2021
 Mol. Formula : C₆H₁₂O₆ Mol. Weight : 180.16
 Code No. : 03170 CAS No. : 50-99-7
 Mfg. Date : Jul-2021 Exp. Date : Jun-2026
 HAZ. / P.G. : - UN No. : -

Sr.	Tests	Specifications	Results
1	Appearance	White crystalline powder	White crystalline powder
2	Specific rotation (C=10, H ₂ O/dilute NH ₃) (Anhydrous substance)	+52.5° to +53°	+52.87°
3	Insoluble matter	Max 0.005%	<0.005 %
4	Titration acid	Max 0.002 meq/gm	0.001 meq/gm
5	Residue on ignition	Max 0.02%	0.0095%
6	Water (by KF)	Max 1.0%	0.64%
7	Chloride (Cl)	Max 0.01%	0.0089%
8	Sulphate & sulphite (as SO ₄)	Max 0.005	0.0049%
9	Starch	Passes ACS test	passes test
10	Iron (Fe)	Max 0.0005%	0.000024%
11	Heavy metal (as Pb)	Max 0.0005%	0.000027%
12	Arsenic (As)	Max 0.00004%	<0.00004%
13	Lead (Pb)	Max 0.00005%	0.000027%
14	Loss on drying (at 105°C; 6 hrs)	Max 0.2%	0.20%

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



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LOBA CHEMIE PVT. LTD.

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