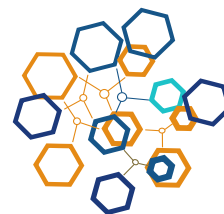
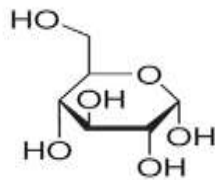


**SISCO CHEM**

Laboratory Chemicals & Reagents

CIN No: U24110MH1998PTC114594
ISO 9001:2015 Certified company**CERTIFICATE OF ANALYSIS**

Product Name	DEXTROSE ANHYDROUS		
Synonyms	D- (+)-glucose		
Grade	AR		
CAS NO	50-99-7		
Molecular Formula	C ₆ H ₁₂ O ₆		
Molecular weight	180.16		
Batch No.	P2510/S839	Date of Analysis	Oct 2025
Code No.	13062	Date of Retest	Sep 2030

Sr.	Test	Specifications	Results
1	Appearance	White to almost white crystalline powder	White crystalline powder
2	Specific rotation (C=10, H ₂ O/dilute NH ₃) (Anhydrous substance)	+52.5° to +53°	52.79°
3	Sulphate & sulphite (as SO ₄)	Max 0.005%	0.0040%
4	Starch	Passes ACS test	Passes ACS test
5	Iron (Fe)	Max 0.0005%	0.000041%
6	Heavy metal (as Pb)	Max 0.0005%	0.000001%
7	Lead (Pb)	Max 0.0005%	0.000001%
8	Chloride (Cl)	Max 0.01%	0.0089%
9	Residue on ignition	Max 0.02%	0.0079%
10	Titration acid	Max 0.002 meq/gm	<0.002 meq/gm
11	Water (by KF)	Max 1.0%	0.66%
12	Loss on drying (1 g, 105°C, 16h)	Max 0.2%	0.078%
13	Arsenic (As)	Max 0.00004%	<0.0001%
14	Melting point	145 - 147°C	146.5°C

The submitted sample complies with the standards of SISCOCHEM PVT. LTD.

Chemist by

Q.C. Incharge