

**Qualikems**

Qualikems Lifesciences Pvt. Ltd.

(Formerly known as Qualikems fine chem Pvt Ltd)

Works : Plot No. 68-69, G.I.D.C Industrial Estate, Nandesari, Vadodara-391340 (Gujarat)

Telefax : 91-265-2841531, 2841532, 2841534, 2841535.

Sales Office : 5531, Basti Harphool singh Sadar Thana Road, Delhi-110006

Tel : +91-11-23618475/23618476, Fax: +91-11-23678476

Email: salesindia@qualikems.com, www.qualikems.com

CERTIFICATE OF ANALYSIS

Name of Product	:	Dextrose Anhydrous	CAS No.	:	50-99-7
Molecular Formula	:	C ₆ H ₁₂ O ₆	Molecular Weight	:	180.16 g/mole
Batch No.	:	QF2502001	Grade	:	AR
Mfg. Date	:	February-2025	Retest. Date	:	January-2030

Sr. No.	Tests	Specification	Observation
1	Appearance	White Crystalline powder	Complies
2	Specific rotation	+ 52.5° to + 53 °	+52.6 °
3	Insoluble matter	Max 0.005 %	0.002 %
4	Titration acid	Max 0.002 meq/gm	0.001 meq/gm
5	Residue on ignition	Max 0.02 %	0.01 %
6	Water (by KF)	Max 1.0 %	0.52 %
7	Chloride (CL)	Max 0.01 %	< 0.01 %
8	Sulphate & sulphite (as SO ₄)	Max 0.005	<0.005
9	Starch	Passes ACS test	To passes test
10	Iron (Fe)	Max 0.0005 %	< 0.0005 %
11	Heavy metal (as PB)	Max 0.0005 %	0.0004 %
12	Arsenic (As)	Max 0.00004 %	0.00003 %
13	Lead (PB)	Max 0.00005%	0.00002 %
14	Loss on drying (at 105°C; 6 hrs)	Max 0.2 %	0.1 %

Conclusion: Product complies as per above specification.

Note: This document has been produced electronically and it is valid without signature.

Quality of our product tested and reported in the COA are as per the specification and without any prejudice/liability what so ever the end product performance.

(An ISO 9001 : 2015 & 14001 : 2015 & 45001:2018 Certified Company)

NSIC - CRISIL SE 2B which indicates " High Performance Capability & Moderate Financial Strength