

CERTIFICATE OF ANALYSIS

PRODUCT NAME : DEXTROSE (MONOHYDRATE)
(D(+) glucose monohydrate)

CAS No	: 3996-10-1	Product code	: 14122
Mol. Formula	: C ₆ H ₁₂ O ₆ .H ₂ O	Batch No	: MCR-33343
Mol. WT	: 198.17	Mfd.	: March 2025
Date of analysis	: 03/03/25	Exp.	: Feb. 2030

S.R	Test	Specification	Observation
1	Decription	A white powder or crystalline powder	A white powder
2	Specific rotation $[\alpha]^{20}_D$ (C = 10 in water on dried subs)	+ 52 ⁰ to + 53.0 ⁰	+52.99 ⁰
3	Lead (Pb)	0.001% max	< 0.001 %
4	Maltose	0.02% max	< 0.02 %
5	Water (by KF)	6 - 10% max	9.21%
6	Sulphated ash	0.1% max	0.03%
7	Arsenic (As)	0.00005% max	< 0.00005%

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]



CHEMIST
(Shruti)



[QC Incharge]



HEAD-QUALITY ASSURANCE
(G.G.Salian)

MOLYCHEM H.Q. : Maker Tower 'E', 41-A2, 4th Floor, Above Maker Arcade, Cuffe Parade, Mumbai 400 005 (INDIA)

Tel. : +91 22 4066 8111 • Email: info@molychem.net • Web: www.molychem.net

Reg. Office : 78/80 Babu Genu Road, Souri Bldg., 2nd Floor, Mumbai - 400 002 (INDIA)

Works : Unit I - Plot No. B/9, Unit II - Plot No. B/11, Badlapur M.I.D.C., Opp. Shobhavat Textile Co., Kulgaon, Badlapur (E), Dist.-Thane-421 503.