

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-32287
Mol. WT	: 198.17	Mfd.	: Oct. 2024
Date of analysis	: 27/10/24	Exp.	: Sept. 2029

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	+52.94 ⁰
3	Lead (Pb)	0.001% max	< 0.001 %
4	Maltose	0.02% max	< 0.02 %
5	Water (by KF)	6 - 10% max	8.71%
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)