



CERTIFICATE OF ANALYSIS

PRODUCT NAME : DEXTROSE (MONOHYDRATE)

(D(+) glucose monohydrate)

CAS No	: 3996- 10- 1	Product code	: 14122
Mol. Formula	: C₆H₁₂O₆.H₂O	Batch No	: MCR-22721
Mol. WT	: 198.17	Mfd.	: Jan. 2021
Date of analysis	: 17/01/21	Exp.	: Dec. 2025

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	+52.5 ⁰
3	Lead (Pb)	0.001% max	< 0.001 %
4	Maltose	0.02% max	< 0.02 %
5	Water (by KF)	6 - 10% max	6.40 %
6	Sulphated ash	0.1% max	0.06%
7	Arsenic (As)	0.00005% max	< 0.00005%

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]

[QC Incharge]

HEAD-QUALITY ASSUARANCE
(G.G.Salian)

Note: Computer generated image requires no sign.

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