

CERTIFICATE OF ANALYSIS

PRODUCT NAME : DEXTROSE ANHYDROUS PURIFIED
[D(+)glucose anhydrous]

CAS No : 50-99-7
Mol. Formula : C₆H₁₂O₆
Mol. WT : 180.16
Date of analysis : 21/06/25

Product code : 14120
Batch No : MCR-34290
Mfd. : June 2025
Exp. : May 2030

S.R	Test	Specification	Observation
1	Description	A white powder or crystalline powder.	A white crystalline powder.
2	Specific rotation $[\alpha]^{20}_D$ (C = 10% in water)	+52 ⁰ to +53 ⁰	+52.98 ⁰
3	Reaction	NLT 5.8	6.33
4	Loss on drying at 110⁰C	1% max	0.20%
5	Sulphated ash	0.1% max	0.02%
6	Arsenic (As)	0.0001% max	<0.0001%
7	Lead (Pb)	0.0002% max	<0.0002%
8	Chloride (Cl)	0.02% max	<0.02%
9	Sulphate (SO₄)	0.02% max	<0.02%

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]



CHEMIST
(Pratiksha. P)



[QC Incharge]



HEAD-QUALITY ASSURANCE
(G.G.Salian)

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