

CERTIFICATE OF ANALYSIS

PRODUCT NAME : TREHALOSE FOR BIOCHEMISTRY

CAS No	: 6138-23-4	Product code	: 19602
Mol. Formula	: C ₁₂ H ₂₂ O ₁₁ .2H ₂ O	Batch No	: MCR-24275-03
Mol. WT	: 378.34	Mfd.	: March 2025
Date of analysis	: 19/03/25	Exp.	: Feb. 2030

S.R	Test	Specification	Observation
1	Description	White to off white powder or crystalline powder.	White powder.
2	Assay	99% min.	99.16%
3	Specific rotation (5% in water)	+177° to +180°	+178 ⁰
4	Melting point on dried substance (at 130°C)	210 - 215°C	210.5°C
5	Loss on drying at 130°C	9.0 – 10.0%	9.15%
6	Sulphated ash	0.2% max.	0.08%

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]



**CHEMIST
(Akash)**



[QC Incharge]



**HEAD-QUALITY ASSURANCE
(G.G.Salian)**

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