

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-32217
Mol. WT	: 378.34	Mfd.	: Oct. 2024
Date of analysis	: 22/10/24	Exp.	: Sept. 2029

S.R	Test	Specification	Observation
1	Description	White to off white powder or crystalline powder.	White crystalline powder.
2	Assay	99% min.	99.93%
3	Specific rotation (5% in water)	+177° to +180°	+179.23 ⁰
4	Melting point on dried substance (at 130°C)	210 - 215°C	211.9°C
5	Loss on drying at 130°C	9.0 – 10.0%	9.75%
6	Sulphated ash	0.2% max.	0.07%

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]



**CHEMIST
(Shruti)**



[QC Incharge]



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

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