



CERTIFICATE OF ANALYSIS

PRODUCT NAME : TREHALOSE FOR BIOCHEMISTRY

CAS No : 6138-23-4 Product code : 19602
Mol. Formula : C₁₂H₂₂O₁₁.2H₂O Batch No : MCR-18431
Mol. WT : 378.34 Mfd. : March 2019
Date of analysis : 30/03/19 Exp. : Feb. 2024

S. R	Test	Specification	Observation
1	Description	White to off white powder or Crystalline powder	White Crystalline powder
2	Assay	99% min.	99.18%
3	Specific rotation (5% in water)	+177° to +180°	+178.99 ⁰
4	Melting point on dried substance (at 130°C)	210 - 215°C	210.2°C
5	Loss on drying at 130°C	9.0 – 10.0%	9.87%
6	Sulphated ash	0.2% max.	0.08%

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]

[Q.C Incharge]

HEAD-QUALITY ASSUARANCE
(G.G.Salian)

Note: Computer generated image requires no sign.

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