



## CERTIFICATE OF ANALYSIS

**PRODUCT NAME : TREHALOSE FOR BIOCHEMISTRY**

CAS No : 6138-23-4                      Product code : 19602  
Mol. Formula : C<sub>12</sub>H<sub>22</sub>O<sub>11</sub>.2H<sub>2</sub>O                      Batch No : MCR-18431-02  
Mol. WT : 378.34                      Mfd. : July 2021  
Date of analysis : 06/07/21                      Exp. : June 2026

S. R	Test	Specification	Observation
1	Description	White to off white powder or Crystalline powder	White Crystalline powder
2	Assay	99% min.	99.22%
3	Specific rotation (5% in water)	+177° to +180°	+179.82 <sup>0</sup>
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%	9.78%
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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