



## CERTIFICATE OF ANALYSIS

Date: 06/05/18

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-16076  
Mol. WT : 378.34                      Mfd. : May 2018  
Exp. : April 2023

S. R	Test	Specification	Observation
1	Assay	99% min.	99.18%
2	Specific rotation (5% in water)	+177° to +180°	+178 <sup>0</sup>
3	Melting point on dried substance (at 130°C)	210 - 215°C	210°C
4	Loss on drying at 130°C	9.0 – 10.0%	9.34%
5	Sulphated ash	0.2% max.	0.1%

**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.

MOLYCHEM Office: 78/80 Babu Genu Road, Souri Bldg., 2<sup>nd</sup> Floor, Mumbai – 400 002 (INDIA)  
Tel: +91 22 4066 8111, 2205 7772 . Fax: + 91 22 2203 4442. Email : [info@molychem.net](mailto:info@molychem.net)  
Works: Plot No. B/9, Badlapur M.I.D.C., OPP.Shobhavat Textile Co.,  
Kulgaon, Badlapur (E), Dist.-Thane-421 503