



## CERTIFICATE OF ANALYSIS

Date: 30/12/17

PRODUCT NAME : LACTOSE (MONOHYDRATE)

CAS No : 10039- 26- 6  
Mol. Formula :  $C_{12}H_{22}O_{11} \cdot H_2O$   
Mol. WT : 360.31  
Exp. : Nov. 2022

Product code : 15220  
Batch No : MCR-15110  
Mfd. : Dec. 2017

S. R	Test	Specification	Observation
1	Specific rotation $[\alpha]_D^{20}$ (10% in water +0.2ml dil NH <sub>3</sub> )	+54.4 <sup>0</sup> to 55.9 <sup>0</sup>	+55.2
2	Acidity/Alkalinity	Passes test	Passes test
3	Water (KF)	4.5 – 5.5%	5.14%
4	Sulphated ash	0.1 % max	0.08%
5	Arsenic (As)	0.0001% max	<0.0001%
6	Lead (Pb)	0.0005% max	<0.0005%

**REMARK:** THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]

[QC 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