



CERTIFICATE OF ANALYSIS

Date: 23/10/16

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. : Sept. 2021

Product code : 15220
Batch No : MCR-12525
Mfd. : Oct. 2016

S. R	Test	Specification	Observation
1	Specific rotation $[\alpha]^{20}_D$ (10% in water +0.2ml dil NH ₃)	+54.4 ⁰ to 55.9 ⁰	+55.49 ⁰
2	Acidity/Alkalinity	Passes test	Passes test
3	Water (KF)	4.5 – 5.5%	4.70%
4	Sulphated ash	0.1 % max	0.05%
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., 2nd Floor, Mumbai – 400 002 (INDIA)
Tel: +91 22 4066 8111, 2205 7772 . Fax: + 91 22 2203 4442. Email : info@molychem.net
Works: Plot No. B/9, Badlapur M.I.D.C.,OPP.Shobhavat Textile Co.,
Kulgaon, Badlapur (E), Dist.-Thane-421 503