



CERTIFICATE OF ANALYSIS

Date: 25/07/17

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. : June 2022

Product code : 15220
Batch No : MCR-14048
Mfd. : July 2017

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	+54.5 ⁰
2	Acidity/Alkalinity	Passes test	Passes test
3	Water (KF)	4.5 – 5.5%	4.67%
4	Sulphated ash	0.1 % max	0.07%
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.

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