



## CERTIFICATE OF ANALYSIS

Date: 09/08/18

PRODUCT NAME : LACTOSE (MONOHYDRATE)

CAS No : 10039- 26- 6                      Product code : 15220  
Mol. Formula : C<sub>12</sub>H<sub>22</sub>O<sub>11</sub>.H<sub>2</sub>O                      Batch No : MCR-16671  
Mol. WT : 360.31                                      Mfd. : Aug. 2018  
Exp. : July 2023

S. R	Test	Specification	Observation
1	Description	White to almost white cream or yellowish white powder or crystalline powder.	yellowish white powder
2	Specific rotation $[\alpha]^{20}_D$ (10% in water +0.2ml dil NH <sub>3</sub> )	+54.4 <sup>0</sup> to 55.9 <sup>0</sup>	+54.9 <sup>0</sup>
3	Acidity/Alkalinity	Passes test	Passes test
4	Water (KF)	4.5 – 5.5%	4.8%
5	Sulphated ash	0.1 % max	0.06%
6	Arsenic (As)	0.0001% max	<0.0001%
7	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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