



CERTIFICATE OF ANALYSIS

PRODUCT NAME : LACTOSE (MONOHYDRATE)

CAS No	: 10039- 26- 6	Product code	: 15220
Mol. Formula	: C₁₂H₂₂O₁₁.H₂O	Batch No	: MCR-20584
Mol. WT	: 360.31	Mfd.	: Jan. 2020
Date of analysis	: 12/01/20	Exp.	: Dec. 2024

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 ₃)	+54.4 ⁰ to 55.9 ⁰	+54.49 ⁰
3	Acidity/Alkalinity	Passes test	Passes test
4	Water (KF)	4.5 – 5.5%	4.59%
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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