



CERTIFICATE OF ANALYSIS

PRODUCT NAME : LACTOSE (MONOHYDRATE)

CAS No	: 10039-26-6	Product code	: 15220
Mol. Formula	: C₁₂H₂₂O₁₁.H₂O	Batch No.	: MCR-30064
Mol. WT	: 360.31	Mfd.	: Jan. 2024
Date of analysis	: 01/01/24	Exp.	: Dec. 2028

S.R	Test	Specification	Observation
1	Description	White to almost white or cream or yellowish white powder or crystalline powder.	Yellowish white powder.
2	Specific rotation $[\alpha]^{20}_D$ (10% in water +0.2ml dil NH₃)	+54.4 ⁰ to 55.9 ⁰	+55.79 ⁰
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]

**CHEMIST
(Durvas)**

**HEAD-QUALITY ASSURANCE
(G.G.Salian)**

Note: Computer generated image requires no sign.

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