



Quality control laboratory

Product name	Lactose monohydrate	Batch no.	LAC925K
MFG .Date	8/2025	EXP.Date	08/2030
Sensitive	--	Storage	RT

CAS no. 10039-26-6 M.W 360.32 g/mol M.F C₁₂H₂₂O₁₁.H₂O

S.N	Characteristics	Unite	Specification	Result
1	Appearance		White	Pass
2	Density	g/ml	500	Pass
3	Melting point	C	202	Pass
4	Solubility	In water	soluble	Pass
5	pH	--	4.0 – 6.5	Pass
6	Assay	Wt%	MIN (98)	99.0
7	Sucrose	Wt%	0.005	0.003
8	Iron	Wt%	0.01	0.005
9	Heavy metal as (Pb)	PPM	MAX 2	Pass
10	Sulfate	PPM	MAX 10	Pass
11	Chloride	PPM	MAX 5	Pass
12	Calcium	PPM	MAX 10	Pass

Above batch material complies with prescribed quality of the اسٹینڈرڈ standard as stated above.

M.Nashat

QC Manger

