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CERTIFICATE OF ANALYSIS

Name of the Sample : Lactose monohydrate AR
Batch No. : 229078
Date of Mfg. : Nov 2025
Date of Exp : Oct 2030
Register No. : 2025-26
Qty of Sample : 500gm
Date of Analysis : Nov 2025

S. No	Test Parameters	Observed Values	Standard Values
1.	Description	Passes	White Crystalline powder
2.	Specific Rotation (10% solution)	+ 52.13°	+52.0° to +52.8°
3.	Water	4.97%	4.8 - 5.4%
4.	Water insoluble matter	<0.005%	Max 0.005%
5.	Alcohol soluble impurities	<0.2%	Max 0.2%
6.	Acidity	Passes	Max 0.6 ml N%
7.	Sulphated ash	<0.05%	Max 0.05%
8.	Nitrogen compounds	<0.02%	Max 0.02%
9.	Iron	<0.0001%	Max 0.0001%
10.	Lead	<0.00005%	Max 0.00005%

Chief Chemist