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CERTIFICATE OF ANALYSIS

Name of the Sample : Lactose monohydrate AR
Batch No. : 227989
Date of Mfg. : Sep 2024
Date of Exp : Aug 2029
Register No. : 2024-25
Qty of Sample : 500gm
Date of Analysis : Sep 2024

S. No	Test Parameters	Observed Values	Standard Values
1.	Description	Passes	White Crystalline powder
2.	Specific Rotation (10% solution)	+ 52.31°	+52.0° to +52.8°
3.	Water	5.18%	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