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CERTIFICATE OF ANALYSIS

Name of the Sample : Calcium Carbonate AR
Batch No. : 228158
Date of Mfg. : Nov 2024
Date of Exp. : Oct 2029
Register No. : 2024-25
Qty of Sample : 500gm
Date of Analysis : Nov 2024

S. No	Test Parameters	Observed Values	Standard Values
1.	Description	Passes	A White Powder, insoluble in water, soluble in acids.
2.	Solubility	Passes	Solution of 10gm in 45ml Dilute HCl + 55ml water is clear
3.	Assay	99.52% CaCO ₃	Min 99.0%
4.	Acid insoluble matter	< 0.005%	Max 0.005%
5.	Chloride	< 0.005%	Max 0.005%
6.	Nitrogen compounds	< 0.001%	Max 0.001%
7.	Sulphate	< 0.01%	Max 0.01%
8.	Copper	< 0.0005%	Max 0.0005%
9.	Iron	< 0.001%	Max 0.001%
10.	Lead	< 0.0005%	Max 0.0005%
11.	Magnesium	< 0.05%	Max 0.05%
12.	Potassium	< 0.01%	Max 0.01%
13.	Sodium	< 0.2%	Max 0.2%

Chief Chemist