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CERTIFICATE OF ANALYSIS

Name of the Sample : **Sodium Hydrogen Carbonate AR**
Batch No. : **227368**
Date of Mfg. : **Feb 2024**
Date of Exp. : **Jan 2029**
Register No. : **2024-25**
Qty of Sample : **500 gm**
Date of Analysis : **Feb 2024**

S. No	Test Parameters	Observed Values	Standard Values
1.	Description	Passes	White Crystalline Powder
2.	Assay	99.65% NaHCO ₃	Min.99.5%
3.	pH (5% solution)	8.13	Max.8.4
4.	Water-insoluble matter	0.015%	Max.0.02%
5.	Chloride	< 0.003%	Max.0.003%
6.	Nitrogen compounds	< 0.001%	Max.0.001%
7.	Phosphate	< 0.005%	Max.0.005%
8.	Silicate	< 0.005%	Max.0.005%
9.	Sulphate	< 0.003%	Max.0.003%
10.	Calcium	< 0.005%	Max.0.005%
11.	Copper	< 0.0005%	Max.0.0005%
12.	Iron	< 0.001%	Max.0.001%
13.	Lead	< 0.0005%	Max.0.0005%
14.	Magnesium	< 0.005%	Max.0.005%
15.	Potassium	< 0.005%	Max.0.005%

Chief Chemist