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### CERTIFICATE OF ANALYSIS

**Name of the Sample** : **Sodium Carbonate Anhydrous AR**  
**Batch No.** : **224979**  
**Date of Mfg** : **Sep 2021**  
**Date of Exp** : **Aug 2026**  
**Register No.** : **2021-22**  
**Qty of Sample** : **500gm**  
**Date of Analysis** : **Sep 2021**

S. No	Test Parameters	Observed Values	Standard Values
1.	Description	Passes	White granular powder, Hygroscopic
2.	Assay (on dry basis)	99.91% Na <sub>2</sub> CO <sub>3</sub>	Min.99.9%
3.	Water insoluble matter	0.006%	Max.0.01%
4.	Loss at 300°C	0.34%	Max.1.0%
5.	Chloride	< 0.002%	Max.0.002%
6.	Nitrogen compounds	< 0.001%	Max.0.001%
7.	Phosphate	< 0.001%	Max.0.001%
8.	Silicate	< 0.002%	Max.0.002%
9.	Total sulphur	< 0.005%	Max.0.005%
10.	Aluminium	< 0.001%	Max.0.001%
11.	Calcium	< 0.005%	Max.0.005%
12.	Copper	< 0.0005%	Max.0.0005%
13.	Iron	< 0.0005%	Max.0.0005%
14.	Lead	< 0.0005%	Max.0.0005%
15.	Magnesium	< 0.0005%	Max.0.0005%
16.	Potassium	< 0.01%	Max.0.01%

**Chief Chemist**