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### CERTIFICATE OF ANALYSIS

Name of the Sample : Di Sodium Tetra Borate (Borax) AR  
Batch No. : 224551  
Date of Mfg : March 2021  
Date of Exp : Feb 2026  
Register No. : 2021-22  
Qty of Sample : 500gm  
Date of Analysis : March 2021

S. No	Test Parameters	Observed Values	Standard Values
1.	Description	Passes	White Crystalline Powder
2.	Assay	99.83% $\text{Na}_2\text{B}_4\text{O}_7 \cdot 10\text{H}_2\text{O}$	Min.99.5%
3.	pH (0.05M solution)	9.13	9.1 - 9.3
4.	Water insoluble matter	0.0025%	Max.0.003%
5.	Boric Oxide	0.086%	Max.0.2%
6.	Sodium Oxide	0.18%	Max.0.2%
7.	Carbonate	0.02%	Max.0.05%
8.	Chloride	0.0005%	Max.0.0005%
9.	Phosphate	0.001%	Max.0.001%
10.	Sulphate	0.0002%	Max.0.0025%
11.	Copper	0.0005%	Max.0.0005%
12.	Iron	0.0004%	Max.0.0005%
13.	Lead	0.0005%	Max.0.0005%
14.	Magnesium	0.002%	Max.0.002%

Chief Chemist