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### CERTIFICATE OF ANALYSIS

**Name of the Sample** : **Di Sodium Tetra Borate (Borax) AR**  
**Batch No.** : **225352**  
**Date of Mfg** : **Feb 2022**  
**Date of Exp** : **Jan 2027**  
**Register No.** : **2022-23**  
**Qty of Sample** : **500gm**  
**Date of Analysis** : **Feb 2022**

S. No	Test Parameters	Observed Values	Standard Values
1.	Description	Passes	White Crystalline Powder
2.	Assay	99.8% $\text{Na}_2\text{B}_4\text{O}_7 \cdot 10\text{H}_2\text{O}$	Min.99.5%
3.	pH (0.05M solution)	9.30	9.1 - 9.3
4.	Water insoluble matter	0.0025%	Max.0.003%
5.	Boric Oxide	0.11%	Max.0.2%
6.	Sodium Oxide	0.16%	Max.0.2%
7.	Carbonate	0.025%	Max.0.05%
8.	Chloride	0.0005%	Max.0.0005%
9.	Phosphate	0.001%	Max.0.001%
10.	Sulphate	0.0001%	Max.0.0025%
11.	Copper	0.0005%	Max.0.0005%
12.	Iron	0.0005%	Max.0.0005%
13.	Lead	0.0005%	Max.0.0005%
14.	Magnesium	0.002%	Max.0.002%

**Chief Chemist**