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CERTIFICATE OF ANALYSIS

Name of the Sample : **Di Sodium Tetra Borate Decahydrate (Borax) AR**
Batch No. : **227806**
Date of Mfg. : **July 2024**
Date of Exp : **June 2029**
Register No. : **2024-25**
Qty of Sample : **500gm**
Date of Analysis : **July 2024**

S. No	Test Parameters	Observed Values	Standard Values
1.	Description	Passes	White Crystalline Powder
2.	Assay	99.54% Na ₂ B ₄ O ₇ .10H ₂ O	Min.99.5%
3.	pH (0.05M solution)	9.20	9.1 - 9.3
4.	Water insoluble matter	0.0013%	Max.0.003%
5.	Boric Oxide	0.16%	Max.0.2%
6.	Sodium Oxide	0.095%	Max.0.2%
7.	Carbonate	0.012%	Max.0.05%
8.	Chloride	0.0005%	Max.0.0005%
9.	Phosphate	0.0005%	Max.0.001%
10.	Sulphate	0.0002%	Max.0.0025%
11.	Copper	0.0005%	Max.0.0005%
12.	Iron	0.0005%	Max.0.0005%
13.	Lead	0.0001%	Max.0.0005%
14.	Magnesium	0.002%	Max.0.002%

Chief Chemist