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Registered Off. : 101-A, Deep Enclave, Pocket 'D', Ashok Vihar, Phase-III, Delhi-110 052 (India)  
Corporate Off. : 152, Vardhman City Centre, Near Shakti Nagar Underbridge, Delhi-110052 (India)  
Works : Plot No.1022, Modern Industrial Estate, Bahadurgarh-124507, Haryana (India)  
Telephone : 0091 - 11 - 23646422 E-mail : tecpharm@gmail.com  
Website : www.technopharmchem.com

### CERTIFICATE OF ANALYSIS

**Name of the Sample** : **Di Sodium Tetra Borate Decahydrate (Borax) AR**  
**Batch No.** : **227250**  
**Date of Mfg.** : **Dec 2023**  
**Date of Exp** : **Nov 2028**  
**Register No.** : **2023-24**  
**Qty of Sample** : **500gm**  
**Date of Analysis** : **Dec 2023**

S. No	Test Parameters	Observed Values	Standard Values
1.	Description	Passes	White Crystalline Powder
2.	Assay	99.6% Na <sub>2</sub> B <sub>4</sub> O <sub>7</sub> .10H <sub>2</sub> O	Min.99.5%
3.	pH (0.05M solution)	9.22	9.1 - 9.3
4.	Water insoluble matter	0.001%	Max.0.003%
5.	Boric Oxide	0.13%	Max.0.2%
6.	Sodium Oxide	0.12%	Max.0.2%
7.	Carbonate	0.02%	Max.0.05%
8.	Chloride	0.0005%	Max.0.0005%
9.	Phosphate	0.0005%	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	0.0002%	Max.0.0005%
14.	Magnesium	0.002%	Max.0.002%

Chief Chemist