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### CERTIFICATE OF ANALYSIS

**Name of the Sample** : **Tris (Hydroxymethyl) aminomethane for Biochemistry (Tris Buffer for Biochemistry)**  
**Batch No.** : **225599**  
**Date of Mfg** : **April 2022**  
**Date of Exp** : **March 2027**  
**Register No.** : **2022-23**  
**Qty of Sample** : **100gm**  
**Date of Analysis** : **April 2022**

| S. No | Test Parameters         | Observed Values | Standard Values          |
|-------|-------------------------|-----------------|--------------------------|
| 1.    | Description             | Passes          | White crystalline Powder |
| 2.    | Assay                   | 99.8%           | Min.99%                  |
| 3.    | Melting point           | 168°C           | 165 - 171°C              |
| 4.    | Sulphated ash           | 0.01%           | Max.0.15%                |
| 5.    | pK <sub>a</sub> at 20°C | 8.3             | 8.3                      |

**Chief Chemist**