

## Certificate of Analysis

Date of Testing: 2022-02-18 15:53:59  
Date of Next Testing: 2026-02-17 15:53:59  
Product Name: **Trisodium trimetaphosphate**  
CAS Number: 7785-84-4  
Specifications & Purity: 95%  
Lot #: D1813181  
SKU #: **T109398**  
Analysis: **075267**

| Parameter                                                                           | Limit Values          | Result                |
|-------------------------------------------------------------------------------------|-----------------------|-----------------------|
| Phosphorus (P)                                                                      | 28.7-32.1 (%)         | 29.87%                |
| Purity(HPLC)                                                                        | 95-100 (%)            | 95.65800%             |
| Sodium(Na)                                                                          | 21.3-23.8 (%)         | 21.32%                |
| Water by Karl Fischer                                                               | 0-0.5 (%)             | 0.00%                 |
| Appearance (T109398)                                                                | White powder          | White powder          |
| Infrared spectrum                                                                   | Conforms to Structure | Conforms to Structure |
| Solubility in H <sub>2</sub> O , Colorless to yellow,clear to slightly hazy100mg/ml | pass                  | Pass                  |
| X-Ray Diffraction                                                                   | Conforms to Structure | Conforms to Structure |



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