

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-03-14 10:00:04  
 Date of Next Testing: 2026-03-13 10:00:04  
 Product Name: **Sodium tripolyphosphate**  
 CAS Number: 7758-29-4  
 Specifications & Purity: AR, ≥98%  
 Lot #: C2205522  
 SKU #: **S100099**  
 Version: **0**  
 Analysis #: **074323**  
 Storage Temperature: Room temperature, Argon charged

| Parameter                                           | Limit Values                           | Result                                 |
|-----------------------------------------------------|----------------------------------------|----------------------------------------|
| Iron(Fe)                                            | 0-0.015 (%)                            | 0.00800 %                              |
| pH                                                  | 9-10                                   | 9.37000                                |
| Heavy metal (as Pb)                                 | 0-0.001 (%)                            | 0.00060 %                              |
| Purity(Titration)                                   | 97.5-102.5 (%)                         | 100.88000 %                            |
| Sulfate(SO42-)                                      | 0-0.1 (%)                              | 0.06000 %                              |
| Chloride (Cl-)                                      | 0-0.025 (%)                            | 0.01300 %                              |
| Assay(P2O5)                                         | 57-59 (%)                              | 57.01000 %                             |
| Appearance (S100099)                                | Colorless to white powder or granulars | Colorless to white powder or granulars |
| Solubility in H2O , Colorless Clear(0.1 g in 10 ml) |                                        | Pass                                   |
| X-Ray Diffraction                                   | Conforms to Structure                  | Conforms to Structure                  |



John Su  
QA & QC Manager