

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-10-18 10:11:42

Date of Next Testing: 2029-10-17 10:11:42

Product Name: **tri-Sodium phosphate dodecahydrate(TSP)**

CAS Number: 10101-89-0

Specifications & Purity: PrimorTrace™, ≥99.99% metals basis

Lot #: J2516672

SKU #: **S112442**

Version: **1**

Analysis #: **550204**

Storage Temperature: Room temperature

| Parameter                                | Limit Values             | Result                   |
|------------------------------------------|--------------------------|--------------------------|
| Sulfate(SO42-)                           | 0-0.01 (%)               | 0.00000 %                |
| Heavy metal (as Pb)                      | 0-0.001 (%)              | 0.00090 %                |
| Excess alkali(as NaOH)                   | 0-2.5 (%)                | 1.46000 %                |
| Insoluble matter(c = 10 % in Dilute HCl) | 0-0.01 (%)               | 0.00000 %                |
| Iron(Fe)                                 | 0-0.001 (%)              | 0.00020 %                |
| Trace Metal Analysis                     | 0-100 (ppm)              | 98.00000 ppm             |
| Purity(Based On Trace Metals Analysis)   | 99.99-100 (%)            | 99.99020 %               |
| Water by Karl Fischer                    | 50-60 (%)                | 59.86000 %               |
| Chloride (Cl-)                           | 0-0.005 (%)              | 0.00500 %                |
| Appearance (S112442)                     | white crystals or chunks | white crystals or chunks |
| ICP:Confirms Na & P Components           | Confirmed                | Confirmed                |
| X-Ray Diffraction                        | Conforms to Structure    | Conforms to Structure    |



John Su  
QA & QC Manager