

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-01-21 15:40:04

Date of Next Testing: 2029-01-20 15:40:04

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

CAS Number: 10101-89-0

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

Lot #: A2514603

SKU #: **S112442**

Version: **1**

Analysis #: **448176**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Sulfate(SO42-)	0-0.01 (%)	0.00000 %
Heavy metal (as Pb)	0-0.001 (%)	0.00002 %
Excess alkali(as NaOH)	0-2.5 (%)	1.88000 %
Insoluble matter(c = 10 % in Dilute HCl)	0-0.01 (%)	0.00000 %
Water by Karl Fischer	50-60 (%)	54.74220 %
Iron(Fe)	0-0.001 (%)	0.00000 %
Chloride (Cl-)	0-0.005 (%)	0.00120 %
Trace Metal Analysis	0-100 (ppm)	99.00000 ppm
Purity(Based On Trace Metals Analysis)	99.99-100 (%)	99.99010 %
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