

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-10-14 14:30:15

Date of Next Testing: 2028-10-13 14:30:15

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

CAS Number: 10101-89-0

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

Lot #: J2411776

SKU #: **S112442**

Version: **1**

Analysis #: **414120**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Trace Metal Analysis	0-100 (ppm)	52.00000 ppm
Sulfate(SO42-)	0-0.01 (%)	0.00000 %
Heavy metal (as Pb)	0-0.001 (%)	0.00000 %
Purity(Based On Trace Metals Analysis)	99.99-100 (%)	99.99480 %
Excess alkali(as NaOH)	0-2.5 (%)	1.23000 %
Insoluble matter(c = 10 % in Dilute HCl)	0-0.01 (%)	0.00000 %
Water by Karl Fischer	50-60 (%)	59.15330 %
Iron(Fe)	0-0.001 (%)	0.00000 %
Chloride (Cl-)	0-0.005 (%)	0.00000 %
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