

Certificate of Analysis

Date of Testing: 2022-11-07 14:13:40
Date of Next Testing: 2026-11-06 14:13:40
Product Name: **Sodium phosphate tribasic dodecahydrate**
CAS Number: 10101-89-0
Specifications & Purity: $\geq 99.99\%$ metals basis
Lot #: K2204978
SKU #: **S112442**
Analysis: **141555**

Parameter	Limit Values	Result
Sulfate(SO ₄ ²⁻)	0-0.01 (%)	0.01%
Heavy metal (as Pb)	0-0.001 (%)	0.00%
Excess alkali(as NaOH)	0-2.5 (%)	1.30%
Insoluble matter(c = 10 % in Dilute HCl)	0-0.01 (%)	0.00%
Iron(Fe)	0-0.001 (%)	0.00%
Chloride (Cl ⁻)	0-0.001 (%)	0.00%
Trace Metal Analysis	0-100 (ppm)	99.00 ppm
Purity(Based On Trace Metals Analysis)	99.99-100 (%)	99.99%
Water by Karl Fischer	50-60 (%)	59.98%
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