

Certificate of Analysis

Date of Testing: 2022-12-14 13:14:46
Date of Next Testing: 2026-12-13 13:14:46
Product Name: **Sodium phosphate tribasic dodecahydrate**
CAS Number: 10101-89-0
Specifications & Purity: $\geq 99.99\%$ metals basis
Lot #: L22071181
SKU #: **S112442**
Analysis: **085378**

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 (%)	1.80%
Insoluble matter(c = 10 % in Dilute HCl)	0-0.01 (%)	0.00%
Water by Karl Fischer	50-60 (%)	58.02%
Iron(Fe)	0-0.001 (%)	0.00%
Chloride (Cl ⁻)	0-0.001 (%)	0.00%
Purity(Based On Trace Metals Analysis)	99.99-100 (%)	99.99%
Trace Metal Analysis	0-100 (ppm)	99.00 ppm
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