

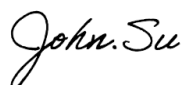
ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing:	2022-09-23 09:44:15
Date of Next Testing:	2026-09-22 09:44:15
Product Name:	Sodium metasilicate nonahydrate
CAS Number:	13517-24-3
Specifications & Purity:	Analytical Reagent, ≥98%
Lot #:	I2216580
SKU #	S108358
Version	0
Analysis #:	099568

Parameter	Limit Values	Result
Heavy metal (as Pb)	0-0.001 (%)	0.00 %
Iron(Fe)	0-0.02 (%)	0.00 %
Aluminum(Al)	0-0.02 (%)	0.00 %
Purity(Titration by HCl)	97.5-102.5 (%)	98.87 %
Sulfate(SO42-)	0-0.01 (%)	0.00 %
Chloride	0-0.01 (%)	0.01 %
Loss on drying (105°C 2h)	36-40 (%)	36.01 %
Appearance (S108358)	White to Light Yellow Powder or Crystals	White to Light Yellow Powder or Crystals
Carbonate(CO3)	Pass	Pass
Clarity of solution	pass	Pass
Solubility in H2O , Colorless and clear,50 mg/mL	pass	Pass
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager