

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-04-09 22:49:01
 Date of Next Testing: 2027-04-08 22:49:01
 Product Name: **Sodium metasilicate nonahydrate**
 CAS Number: 13517-24-3
 Specifications & Purity: AR, ≥98%
 Lot #: D2306798
 SKU #: **S108358**
 Version: **2**
 Analysis #: **201159**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Heavy metal (as Pb)	0-0.001 (%)	0.00000 %
Iron(Fe)	0-0.02 (%)	0.00000 %
Aluminum(Al)	0-0.02 (%)	0.00040 %
Sulfate(SO42-)	0-0.01 (%)	0.00360 %
Chloride	0-0.01 (%)	0.00280 %
Purity(Titration by HCl)	97.5-102.5 (%)	102.48000 %
Loss on drying (105°C 2h)	36-40 (%)	39.99000 %
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



QualityAssurance@aladdinsci.com

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A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager