

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-02-11 14:24:41
Date of Next Testing: 2024-02-01 14:24:41
Product Name: **Sodium sulfide nonahydrate**
CAS Number: 1313-84-4
Specifications & Purity: 99.99% metals basis
Lot #: B2208410
SKU #: **S116078**
Analysis: 067169
Storage Temperature: Store at 2-8°C, Protected from light, Argon charged

Parameter	Limit Values	Result
Ammonia (NH ₄)	0-0.005 (%)	0.00 %
Assay(Titration by Na ₂ S ₂ O ₃)	98-102 (%)	100.09 %
Purity(Based on Trace Metals Impurities of ICP)	99.99-100 (%)	99.99 %
Total Metallic Impuritie	0-100 (ppm)	83.00 ppm
Sulfite and Thiosulfite	0-0.1 (%)	0.00000 %
Appearance (S116078)	Colorless to White Crystals and/or Chunks	Colorless to White Crystals and/or Chunks
ICP:Confirms Na and S Component	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager