

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-01-19 14:35:26
Date of Next Testing: 2024-01-09 14:35:26
Product Name: **Sodium sulfide nonahydrate**
CAS Number: 1313-84-4
Specifications & Purity: 99.99% metals basis
Lot #: A2217060
SKU #: **S116078**
Analysis: 070800
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 (%) | 98.83 % |
| Purity(Based on Trace Metals Impurities of ICP) | 99.99-100 (%) | 99.99 % |
| Total Metallic Impuritie | 0-100 (ppm) | 99.00 ppm |
| Sulfite and Thiosulfite | 0-0.1 (%) | 0.02000 % |
| 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