

Certificate of Analysis

Date of Testing: 2022-03-26 18:41:28
Date of Next Testing: 2024-03-15 18:41:28
Product Name: **Sodium sulfide nonahydrate**
CAS Number: 1313-84-4
Specifications & Purity: 99.99% metals basis
Lot #: C2224293
SKU #: **S116078**
Analysis: 041811
Storage Temperature: Store at 2-8°C, Protected from light, Argon charged

Parameter	Limit Values	Result
Ammonia (NH ₄)	0-0.005 (%)	0.00 %
Purity (Based on Trace Metals Impurities of ICP)	99.99-100 (%)	100.00 %
Sulfite and Thiosulfite	0-0.1 (%)	0.00 %
Total Metallic Impurity	0-100 (ppm)	19.00 ppm
Assay (Titration by Na ₂ S ₂ O ₃)	98-102 (%)	98.01 %
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