

## Certificate of Analysis

Date of Testing: 2024-10-31 14:15:16  
Date of Next Testing: 2026-10-21 14:15:16  
Product Name: **Sodium sulfide nonahydrate**  
CAS Number: 1313-84-4  
Specifications & Purity: AR, ≥98%  
Lot #: J2429632  
SKU #: **S101399**  
Version: **1**  
Analysis #: **424802**  
Storage Temperature: Store at 2-8°C, Protected from light, Argon charged

Parameter	Limit Values	Result
Insoluble matter in H <sub>2</sub> O	0-0.002 (%)	0.00 %
Substances oxidized by Iodine	0-0.5 (%)	0.48 %
Assay(Titration by Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> )	98-102.5 (%)	102.09 %
Ammonia (NH <sub>4</sub> )	0-0.002 (%)	0.00 %
Appearance (S101399)	Colorless to White Crystals and/or Chunks	Colorless to White Crystals and/or Chunks
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



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QA & QC Manager