

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-10-30 08:15:55  
Date of Next Testing: 2026-10-20 08:15:55  
Product Name: **Sodium sulfide nonahydrate**  
CAS Number: 1313-84-4  
Specifications & Purity:  $\geq 98\%$   
Lot #: J2425558  
SKU #: **S299093**  
Version: **1**  
Analysis #: **393749**  
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 (%)                                    | 0.40 %                                       |
| Ammonia (NH <sub>4</sub> )           | 0-0.002 (%)                                  | 0.00 %                                       |
| Assay                                | 98-100 (%)                                   | 98.01 %                                      |
| Appearance (S299093)                 | White to Yellow Powder or Crystals or chunks | White to Yellow Powder or Crystals or chunks |
| X-Ray Diffraction                    | Conforms to Structure                        | Conforms to Structure                        |



John Su  
QA & QC Manager