

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-09-11 16:46:00  
Date of Next Testing: 2026-09-01 16:46:00  
Product Name: **Sodium sulfide nonahydrate**  
CAS Number: 1313-84-4  
Specifications & Purity:  $\geq 98.0\%$   
Lot #: I2402455  
SKU #: **S299093**  
Version: **0**  
Analysis #: **301034**  
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 (%)                                    | 0.29 %                                       |
| Ammonia (NH <sub>4</sub> )           | 0-0.002 (%)                                  | 0.00 %                                       |
| Assay                                | 98-100 (%)                                   | 99.98 %                                      |
| 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