

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-03-31 13:16:53  
 Date of Next Testing: 2028-03-20 13:16:53  
 Product Name: **Sodium sulfide nonahydrate**  
 CAS Number: 1313-84-4  
 Specifications & Purity:  $\geq 98\%$   
 Lot #: C2620469  
 SKU #: **S299093**  
 Version: **1**  
 Analysis #: **683217**  
 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 (%)                                  | 0.00000 %                                    |
| Substances oxidized by Iodine                                      | 0-0.5 (%)                                    | 0.30000 %                                    |
| Ammonia (NH <sub>4</sub> )                                         | 0-0.002 (%)                                  | 0.00200 %                                    |
| Assay(Titration by Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> ) | 98-102.5 (%)                                 | 99.62000 %                                   |
| 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