

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-10-31 09:05:30

Date of Next Testing: 2027-10-21 09:05:30

Product Name: **Sodium sulfide nonahydrate**

CAS Number: 1313-84-4

Specifications & Purity:  $\geq 98\%$

Lot #: J2529691

SKU #: **S299093**

Version: **1**

Analysis #: **600668**

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 (%)                                    | 0.35610 %                                    |
| 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 (%)                                 | 102.48000 %                                  |
| 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