

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-12-26 18:15:29

Date of Next Testing: 2027-12-26 18:15:29

Product Name: **Sodium Nitroprusside**

CAS Number: 14402-89-2

Specifications & Purity:  $\geq 99\%$

Lot #: L2423460

SKU #: **S305727**

Version: **2**

Analysis #: **414236**

Storage Temperature: Store at 2-8°C, Protected from light

| Parameter                              | Limit Values                                                    | Result                                                          |
|----------------------------------------|-----------------------------------------------------------------|-----------------------------------------------------------------|
| Assay                                  | 99-100 (%)                                                      | 99.99080 %                                                      |
| Water by Karl Fischer                  | 0-2 (%)                                                         | 0.58780 %                                                       |
| Assay(Titration by AgNO <sub>3</sub> ) | 98.5-101.5 (%)                                                  | 99.79000 %                                                      |
| Appearance (S305727Color)              | Light brown to Reddish brown to dark brown to Orange red to red | Light brown to Reddish brown to dark brown to Orange red to red |
| Appearance (S305727Form)               | Solid                                                           | Solid                                                           |
| ICP: Confirms Fe                       | Confirmed                                                       | Confirmed                                                       |
| Components                             |                                                                 |                                                                 |
| ICP: Confirms Sodium                   | Confirmed                                                       | Confirmed                                                       |
| Component                              |                                                                 |                                                                 |
| Infrared spectrum                      | Conforms to Structure                                           | Conforms to Structure                                           |



John Su  
QA & QC Manager