

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-01-30 15:37:07  
 Date of Next Testing: 2030-01-29 15:37:07  
 Product Name: **3,5-Dinitro salicylic acid(DNS)**  
 CAS Number: 609-99-4  
 Specifications & Purity:  $\geq 98\%$   
 Lot #: A2628401  
 SKU #: **D109090**  
 Version: **0**  
 Analysis #: **637094**  
 Storage Temperature: Room temperature, Argon charged

| Parameter                                                                                | Limit Values           | Result                 |
|------------------------------------------------------------------------------------------|------------------------|------------------------|
| Purity (Titration by NaOH)                                                               | 97.5-102.5 (%)         | 98.51 %                |
| Melting point                                                                            | 172-175 (°C)           | 174.81000 °C           |
| Purity(HPLC)                                                                             | 98-100 (%)             | 99.61900 %             |
| Appearance (D109090)                                                                     | White to Yellow Powder | White to Yellow Powder |
| Solubility in H <sub>2</sub> O , Yellow to Very Dark Yellow, Clear to Hazy, 50mg/ml pass |                        | Pass                   |
| Infrared spectrum                                                                        | Conforms to Structure  | Conforms to Structure  |



John Su  
QA & QC Manager