

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-08-22 10:50:23  
Date of Next Testing: 2029-08-21 10:50:23  
Product Name: **3,5-Dinitro salicylic acid(DNS)**  
CAS Number: 609-99-4  
Specifications & Purity:  $\geq 98\%$   
Lot #: H2515054  
SKU #: **D109090**  
Version: **0**  
Analysis #: **562997**  
Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Melting point	172-175 (°C)	174.85000 °C
Purity (Titration by NaOH)	97.5-102.5 (%)	99.95000 %
Purity(HPLC)	98-100 (%)	99.52000 %
Appearance (D109090)	White to Yellow Powder	White to Yellow Powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in H <sub>2</sub> O , Yellow to Very Dark Yellow, Clear to Hazy, 50mg/ml pass		Pass



John Su  
QA & QC Manager