

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-01-11 11:10:07

Date of Next Testing: 2027-01-10 11:10:07

Product Name: **3,5-Dinitro salicylic acid(DNS)**

CAS Number: 609-99-4

Specifications & Purity: $\geq 98\%$

Lot #: A2304542

SKU #: **D109090**

Version: **0**

Analysis #: **158407**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Melting point	172-175 (°C)	174.99000 °C
Purity (Titration by NaOH)	97.5-102.5 (%)	99.99000 %
Purity(HPLC)	98-100 (%)	99.70100 %
Appearance (D109090)	White to Yellow Powder	White to Yellow Powder
Solubility in H ₂ 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