

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-08-03 14:30:10
 Date of Next Testing: 2026-08-02 14:30:10
 Product Name: **3,5-Dinitro salicylic acid(DNS)**
 CAS Number: 609-99-4
 Specifications & Purity: $\geq 98\%$
 Lot #: G2226470
 SKU #: **D109090**
 Version: **0**
 Analysis #: **107849**
 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 ₂ O , Yellow to Very Dark Yellow, Clear to Hazy, 50mg/ml pass		Pass



John Su
QA & QC Manager