

Certificate of Analysis

Date of Testing: 2023-01-11 10:14:44

Date of Next Testing: 2027-01-10 10:14:44

Product Name: **3,5-Dinitro salicylic acid**

CAS Number: 609-99-4

Specifications & Purity: $\geq 98\%$

Lot #: A2304541

SKU #: **D109090**

Version: **0**

Analysis #: **158407**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Melting point	172-175 (°C)	174.99000 °C
Purity (Titration by NaOH)	97.5-102.5 (%)	99.99 %
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