

Certificate of Analysis

Date of Testing: 2025-04-28 14:06:54

Date of Next Testing: 2029-04-27 14:06:54

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

CAS Number: 609-99-4

Specifications & Purity: $\geq 98\%$

Lot #: D2527480

SKU # **D109090**

Version **0**

Analysis #: **377218**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Melting point	172-175 (°C)	174.94000 °C
Purity (Titration by NaOH)	97.5-102.5 (%)	98.00 %
Purity(HPLC)	98-100 (%)	98.00000 %
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