

## Certificate of Analysis

Date of Testing: 2025-04-25 17:34:51  
Date of Next Testing: 2029-04-24 17:34:51  
Product Name: **3,5-Dinitro salicylic acid**  
CAS Number: 609-99-4  
Specifications & Purity:  $\geq 98\%$   
Lot #: D2521075  
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 <sub>2</sub> O , Yellow to Very Dark Yellow,Clear to Hazy,50mg/ml pass		Pass



John Su  
QA & QC Manager