

## Certificate of Analysis

Date of Testing: 2023-01-11 10:14:10  
Date of Next Testing: 2027-01-10 10:14:10  
Product Name: **3,5-Dinitro salicylic acid**  
CAS Number: 609-99-4  
Specifications & Purity:  $\geq 98\%$   
Lot #: A2304532  
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 <sub>2</sub> O , Yellow to Very Dark Yellow,Clear to Hazy,50mg/ml pass |                        | Pass                   |
| Infrared spectrum  | Conforms to Structure  | Conforms to Structure  |



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