

## Certificate of Analysis

Date of Testing: 2023-04-09 17:22:39

Date of Next Testing: 2027-04-08 17:22:39

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

CAS Number: 609-99-4

Specifications & Purity:  $\geq 98\%$

Lot #: D2303762

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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