

## Certificate of Analysis

Date of Testing: 2024-09-05 13:57:02  
Date of Next Testing: 2025-08-31 13:57:02  
Product Name: **5-nitrosalicylaldehyde**  
CAS Number: 97-51-8  
Specifications & Purity: 97%  
Lot #: H2112021  
SKU #: **N109087**  
Version: **0**  
Analysis #: **407388**  
Storage Temperature: Store at 2-8°C, Argon charged

| Parameter                        | Limit Values                     | Result                           |
|----------------------------------|----------------------------------|----------------------------------|
| Purity(GC)                       | 97-100 (%)                       | 98.89%                           |
| Purity(Neutralization titration) | 96.5-103.5 (%)                   | 99.28%                           |
| Melting point                    | 125-128 (°C)                     | 126.78000 °C                     |
| Appearance (N109087)             | Yellow to Orange to Brown Powder | Yellow to Orange to Brown Powder |
| Infrared spectrum                | Conforms to Structure            | Conforms to Structure            |
| Solubility in hot MeOH           | almost transparency              | almost transparency              |



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