

## Certificate of Analysis

Date of Testing: 2024-07-11 15:28:23  
Date of Next Testing: 2025-07-06 15:28:23  
Product Name: **5-nitrosalicylaldehyde**  
CAS Number: 97-51-8  
Specifications & Purity: 97%  
Lot #: A2303620  
SKU #: **N109087**  
Version: **0**  
Analysis #: **385561**  
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Purity(GC)	97-100 (%)	99.43%
Purity(Neutralization titration)	96.5-103.5 (%)	99.48%
Melting point	125-128 (°C)	125.31000 °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



John Su  
QA & QC Manager