



CERTIFICATE OF ANALYSIS

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1. Identification

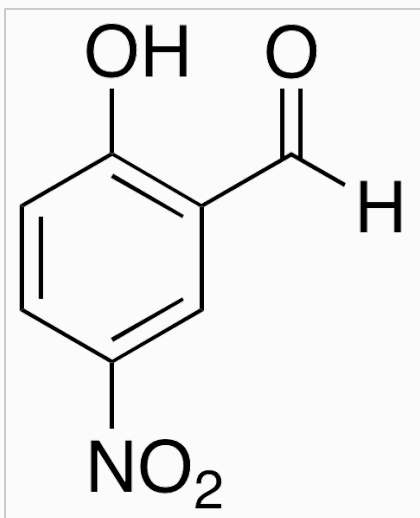
Catalogue Number: N520950

CAS Number: 97-51-8

Product: 5-Nitrosalicylaldehyde

Synonym: 6-Hydroxy-3-nitrobenzaldehyde; NSC 881; NSC 97387; 2-Formyl-4-nitrophenol; 2-Hydroxy-5-nitrobenzaldehyde; 5-Nitro-2-hydroxybenzaldehyde; 5-Nitrosalicylaldehyde; 2-Hydroxy-5-nitrobenzaldehyde;

Structure:



Molecular Formula:

C₇H₅NO₄

Molecular weight:

167.12

Source of Product:

N/A

Solubility:

Chloroform (Very Slightly),
DMSO (Slightly), Water
(Slightly)

Lot Number: 1-ALI-42-1

Purity: 95%

Shipping Condition: This Product Is Stable To Be
Shipped With Blue Ice

Storage Condition: -20°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	Off-White to Yellow Solid	Pale Yellow Solid
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 49.81, %H: 2.95, %N: 8.84
HPLC Purity	Report Result	95.11% (240 nm)
MS	Conforms to Structure	Conforms

Additional Information: N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of $\pm 2\%$. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. Signatures

Reviewed By	Reviewed By	C of A Approved By	Test Date	Retest Date
Nicole Yip	Toni Rantanen	Christina Gouliaras	2/24/2023	2/22/2027

