



CERTIFICATE OF ANALYSIS

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1. Identification

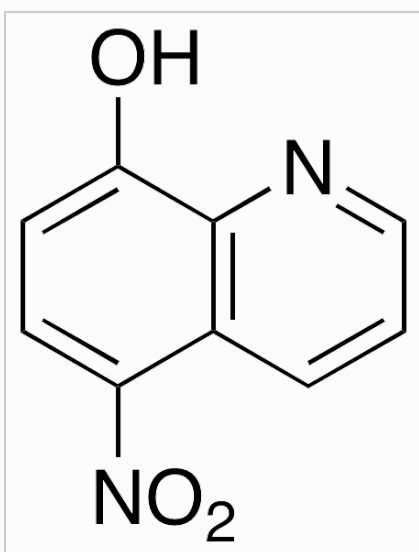
Catalogue Number: N496215

CAS Number: 4008-48-4

Product: 5-Nitro-8-hydroxyquinoline

Synonym: 5-(Hydroxyl[oxido]amino)-8-hydroxyquinoline; 5-Nitro-8-oxychinoline; 5-Nitro-8-oxyquinoline; 5-Nitro-8-quinolinol; 5-Nitrox; 5-Nitroxine; 5NOK; 8-Hydroxy-5-nitroquinoline; A 82; BAS 58; NSC 74947; NSC 74948; Nibiol; Nitroxolin; Nitroxoline; Noxibiol;

Structure:



Molecular Formula:

C₉H₆N₂O₃

Molecular weight:

190.16

Source of Product:

N/A

Solubility:

DMSO (Slightly), Methanol (Slightly, Heated)

Lot Number: 2023-ASA-012

Purity: 98%

Shipping Condition: This Product Is Stable To Be Shipped At Room Temperature

Storage Condition: 4°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	Yellow to Very Dark Beige Solid	Very Dark Yellow to Dark Beige Solid
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 56.64, %H: 3.10, %N: 14.74
HPLC Purity	Report Result	99.74% (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 ± 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
Swathi Reddy	Toni Rantanen	Christina Gouliaras	1/18/2023	1/16/2027
				