



CERTIFICATE OF ANALYSIS

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1. Identification

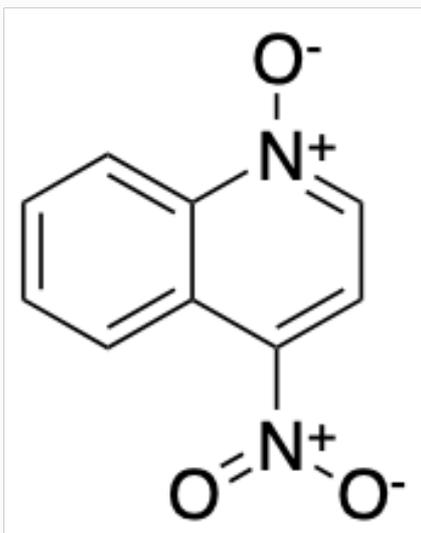
Catalogue Number: N900715

CAS Number: 56-57-5

Product: 4-Nitroquinoline N-Oxide

Synonym: 4-NQO; 4-Nitroquinoline 1-Oxide; 4-Nitroquinoline N-Oxide; NSC 19645; Nitrochin;

Structure:



Molecular Formula:

C₉H₆N₂O₃

Molecular weight:

190.15

Source of Product:

N/A

Solubility:

Chloroform (Sparingly),
Methanol (Slightly)

Lot Number: 711645086-1-1

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 Yellow Solid | Dark Yellow Solid |
| NMR | Conforms to Structure | Conforms |
| C NMR | Conforms to Structure | Conforms |
| Elemental Analysis | Conforms | %C: 56.29, %H: 3.10, %N: 14.61 |
| HPLC Purity | Report Result | 99.04% (205 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 |
|-------------|---------------|--------------------|-----------|-------------|
| Henry Tieu | Toni Rantanen | Chanell Chu | 8/16/2022 | 8/14/2026 |

