



CERTIFICATE OF ANALYSIS

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1. Identification

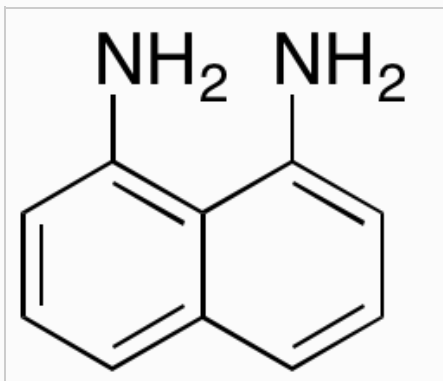
Catalogue Number: D416445

CAS Number: 479-27-6

Product: 1,8-Diaminonaphthalene

Synonym: 1,8-Diamine Naphthalene; 1,8-Naphthylenediamine; NSC 6081

Structure:



Molecular Formula:

C₁₀H₁₀N₂

Molecular weight:

158.2

Source of Product:

N/A

Solubility:

Chloroform (Slightly),
Methanol (Slightly)

Lot Number: 1-PUD-168-1

Purity: 98%

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

Storage Condition: 4°C, Hygroscopic

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	Dark Red to Black Solid	Very Dark Red Solid
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 76.17, %H: 6.53, %N: 17.92
HPLC Purity	Report Result	98.81% (235 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	Chanell Chu	4/26/2022	4/24/2026