



CERTIFICATE OF ANALYSIS

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1. Identification

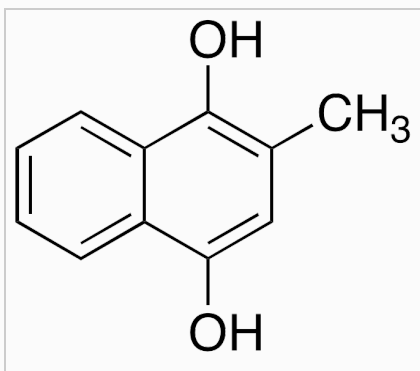
Catalogue Number: M323135

CAS Number: 481-85-6

Synonym: 1,4-Dihydroxy-2-methylnaphthalene; 2-Methyl-1,4-dihydroxynaphthalene; 2-Methyl-1,4-naphthohydroquinone; 2-Methyl-1,4-naphthoquinol; 2-Methylhydronaphthoquinone; 2-Methylnaphthalene-1,4-diol; 4-Hydroxy-3-methyl- α -naphthol; Dihydrovitamin K3; Menadiol; Reduced Menadione; Reduced Vitamin K3; Vitamin K3H2

Product: 2-Methyl-1,4-naphthalenediol

Structure:



Molecular Formula:

$C_{11}H_{10}O_2$

Molecular weight:

174.2

Source of Product:

Synthetic

Solubility:

DMSO (Slightly), Methanol (Slightly)

Lot Number: 8-LGA-89-1

Purity: 95%

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

Storage Condition: 4°C

2. Warning

Warning 1: Not Determined

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	White to Light Purple Solid	Pale Purple to Light Purple Solid
Melting Point	Report Result	>133°C (dec)
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 75.81, %H: 5.92
MS	Conforms to Structure	Conforms
HPLC Purity	Report Result	98.20%

Additional Information: NA

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
Philip Chan	Eric Beaton	My Nguyen	10/25/2018	10/23/2025
				