



CERTIFICATE OF ANALYSIS

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1. Identification

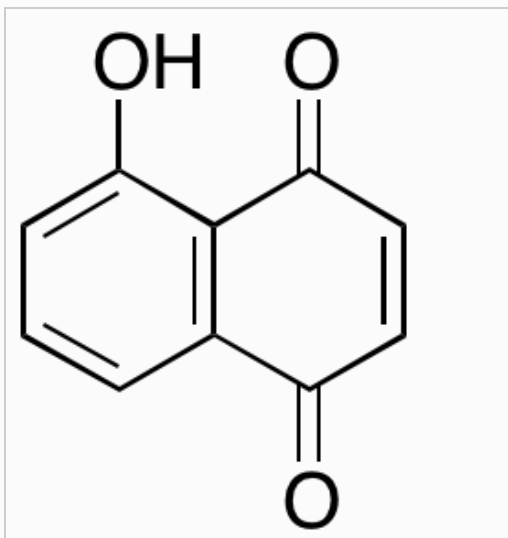
Catalogue Number: H949560

CAS Number: 481-39-0

Product: 5-Hydroxy-1,4-naphthoquinone

Synonym: 5-Hydroxy-1,4-naphthalenedione; Juglone;

Structure:



Molecular Formula:

C₁₀H₆O₃

Molecular weight:

174.15

Source of Product:

N/A

Solubility:

Methanol (Slightly)

Lot Number: 2023-CMC-053

Purity: 96%

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	Red to Very Dark Brown Solid	Very Dark Orange Solid
NMR	Conforms to Structure	Conforms
HPLC Purity	Report Result	96.16% (210 nm)
MS	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 68.43, %H: 3.37

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
Henry Tieu	Toni Rantanen	Chanell Chu	7/7/2023	7/5/2027