



CERTIFICATE OF ANALYSIS

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1. Identification

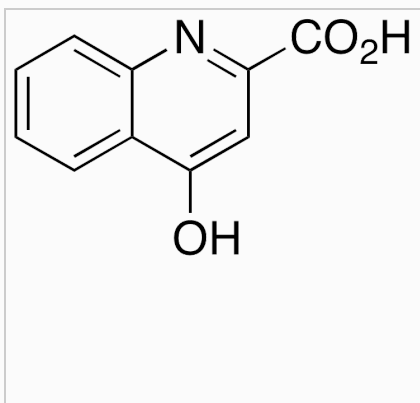
Catalogue Number: K660500

CAS Number: 492-27-3

Product: Kynurenic Acid

Synonym: 4-Hydroxy-2-quinolinecarboxylic Acid; 4-Hydroxy-quinaldic Acid; 2-Carboxy-4-hydroxyquinoline; 4-Hydroxyquinaldic Acid; 4-Hydroxyquinaldinic Acid; Quinurenic Acid; NSC 58973;

Structure:



Molecular Formula:

C₁₀H₇NO₃

Molecular weight:

189.17

Source of Product:

N/A

Solubility:

Aqueous Base (Slightly),
DMSO (Slightly), Methanol
(Slightly), Water (Slightly)

Lot Number: 2-ZNL-5-1

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	Pale Yellow to Brown Solid	Pale Yellow to Pale Green Solid
NMR	Conforms to Structure	Conforms
HPLC Purity	Report Result	100.00% (245 nm)
MS	Conforms to Structure	Conforms
C NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 58.76, %H: 4.38, %N: 6.69
Water Content	Report Result	~7.5% based on Elemental Analysis

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	12/17/2021	12/15/2028