



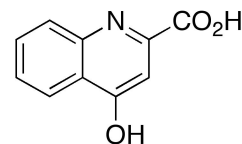
## 1. Identification

**Catalogue Number**

K660500

**Lot Number**

2023-SAP-014

**Structure****Product Name**

Kynurenic Acid

**Synonyms**

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

**CAS Number**

492-27-3

**Solubility**

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

**Shipping Condition**

This Product Is Stable To Be Shipped At Room Temperature

**Molecular Formula** $C_{10}H_7NO_3$ **Source of Product**

N/A

**Long Term Storage Conditions**

4°C

**Molecular Weight**

189.17

**Purity**

&gt;95%

## 2. Warnings

Not Determined

## 3. Analytical Information

**Tests**

Appearance

**Specifications**

Pale Yellow to Brown Solid

**Results**

Light Brown to Brown Solid

NMR

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 59.50, %H: 3.65, %N: 6.77

HPLC Purity

&gt;95%

99.08% (240 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**

Henry Tieu

Product Quality Specialist

**Reviewed by**

Toni Rantanen

Manager, Quality Assurance

**C of A Approved by**

Chanell Chu

Jr. Quality Assurance

**Test Date**

1/25/2023

**Retest Date**

1/23/2027