



1. Identification

Catalogue Number

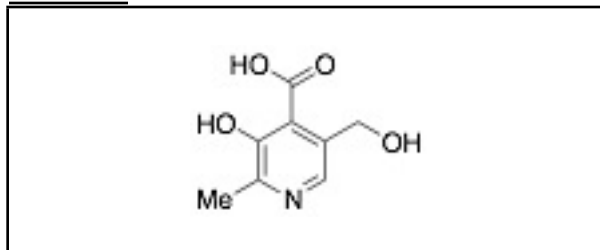
P991875

Lot Number

2-JMR-124-2

Product Name

4-Pyridoxic Acid

StructureSynonyms

3-Hydroxy-5-(hydroxymethyl)-2-methyl-4-pyridinecarboxylic Acid; 3-Hydroxy-5-(hydroxymethyl)-2-methyl-isonicotinic Acid; 2-Methyl-3-hydroxy-4-carboxy-5-hydroxymethylpyridine; 3-Hydroxy-5-(hydroxymethyl)-2-methylisonicotinic Acid; Pyridoxic Acid; 4-Pyridoxinecarboxylic Acid; 4-Pyridoxinic Acid; 4-Pyridoxylic Acid; NSC 41814

CAS Number

82-82-6

Solubility

Aqueous Base (Slightly), Water
(Very Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room
Temperature

Molecular Formula $C_8H_9NO_4$ Source of Product

Synthetic

Long Term Storage Conditions

-20°C, Hygroscopic

Molecular Weight

183.16

Purity

>95%

2. Warnings

Hygroscopic

3. Analytical Information

Tests

Appearance

Specifications

Pale Beige to Light Brown Solid

Results

Pale Beige Solid

NMR

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 52.03, %H: 4.87, %N: 7.44

HPLC Purity

>95%

98.95% (205 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

Neha Khanna

Product Quality Specialist

Reviewed by

Toni Rantanen

Manager, Quality Assurance

C of A Approved by

Sadaf Samadi

Quality Assurance Associate

Test Date

6/7/2024

Retest Date

6/5/2028