

## 1. Identification

### Catalogue Number

D249930

### Lot Number

6-JKL-121-4

### Product Name

4-Deoxy Pyridoxine Hydrochloride

### Synonyms

2,4-Dimethyl-3-hydroxy-5-hydroxymethylpyridine Hydrochloride; 4-Deoxypyridoxine Hydrochloride; 3-Hydroxy-5-hydroxymethyl-2,4-dimethylpyridine Hydrochloride; 4-Deoxypyridoxol Hydrochloride; 5-Hydroxy-4,6-dimethyl-3-pyridinemethanol Hydrochloride; 4-Desoxyadermin Hydrochloride; 4-Desoxypyridoxine Hydrochloride; 5-Hydroxymethyl-2,4-dimethylpyridin-3-ol Hydrochloride;

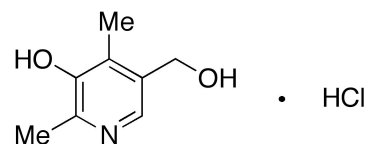
### CAS Number

148-51-6

### Solubility

DMSO (Slightly), Methanol (Slightly)

### Structure



### Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

### Molecular Formula

C<sub>8</sub>H<sub>12</sub>ClNO<sub>2</sub>

### Source of Product

Synthetic

### Long Term Storage Conditions

-20°C, Hygroscopic

### Molecular Weight

189.64

### Purity

>99%

## 2. Warnings

Hygroscopic

## 3. Analytical Information

### Tests

Appearance

### Specifications

White to Pale Red Solid

### Results

Off-White to Pale Red Solid

NMR

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 50.78, %H: 6.47, %N: 7.41

HPLC Purity

Report Result

99.77% (210 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 ± 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



Vijaya Annapareddy

Product Quality Specialist

### Reviewed by



Toni Rantanen

Manager, Quality Assurance

### C of A Approved by



Chanell Chu

Quality Assurance Associate

### Test Date

8/19/2024

### Retest Date

8/17/2028