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## CERTIFICATE OF ANALYSIS

Analysis Date: Mar 2024

Re-test Date: Feb 2027

**Product Name: Pyridoxine EP Impurity B**

### Identification:

Chemical Name: 5-(Hydroxymethyl)-2,4-dimethylpyridin-3-ol hydrochloride (as per EP)

Synonyms : 4-Deoxypyridoxine  
hydrochloride

CAS Number : 148-51-6

CAT Number : CP-P34002

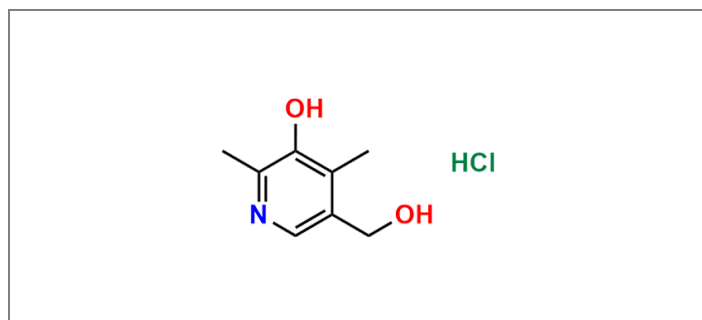
Molecular Formula : C<sub>8</sub>H<sub>11</sub>NO<sub>2</sub> : HCl

Molecular Weight : 153.2 : 36.46

Batch Number : CP-PYR-B-0324

Storage Condition : Tightly closed, Inert atmosphere at 2 to 8° C

Shipping condition : All Products are stable to be shipped at room temperature, if specific condition required it is mention in the COA



### Analytical Information:

Sr. No.	Test	Result
1)	Description	White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	98.53%
5)	<sup>1</sup> HNMR	Confirm to structure
6)	<sup>13</sup> CNMR	Confirm to structure
7)	IR	Confirm to structure
8)	Weight loss by TGA	0.017%
9)	Potency by TGA	98.51%



**Prepared and Reviewed By**

A handwritten signature in blue ink, appearing to read "Priyanka Salunkhe".

Ms Priyanka Salunkhe  
(Quality Control)

**Approved By**

A handwritten signature in blue ink, appearing to read "Rohini Gagare".

Ms Rohini Gagare  
(Quality Assurance)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.