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## CERTIFICATE OF ANALYSIS

Analysis Date: May 2024

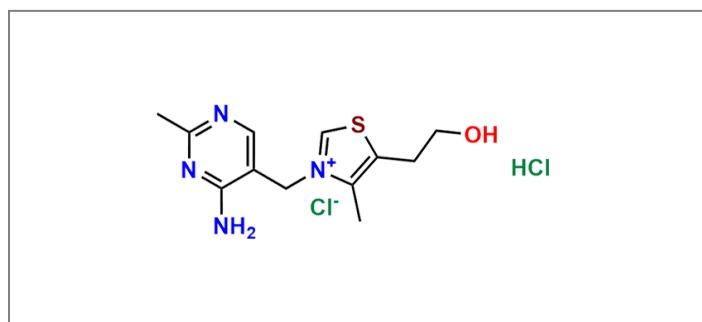
Re-test Date: Apr 2027

**Product Name: Thiamine Chloride Hydrochloride (In House Standard)**

### Identification:

Chemical Name: 3-((4-Amino-2-methylpyrimidin-5-yl)methyl)-5-(2-hydroxyethyl)-4-methylthiazol-3-ium chloride hydrochloride

Synonyms : NA  
CAS Number : 67-03-8  
CAT Number : CP-T2012  
Molecular Formula : C<sub>12</sub>H<sub>17</sub>N<sub>4</sub>O<sub>5</sub> : Cl : HCl  
Molecular Weight : 265.35 : 35.45 : 36.46  
Batch Number : CHEM-THI-H  
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	99.15%
5)	H1NMR	Confirm to structure
6)	13CNMR	Confirm to structure
7)	Weight loss by TGA	0.536%
8)	Potency by TGA	98.61%



**Prepared and Reviewed By**



Ms Priyanka Salunkhe  
(Manager QC Analytical)

**Approved By**



Ms Rohini Gagare  
(QA Head)

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