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CERTIFICATE OF ANALYSIS

Analysis Date: Mar 2024

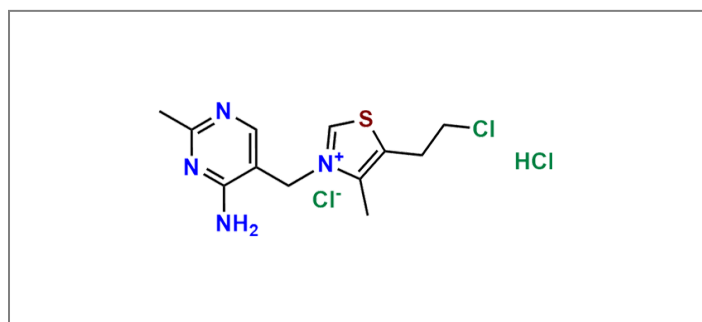
Re-test Date: Feb 2027

Product Name: Thiamine EP Impurity C

Identification:

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

Synonyms : Beclotiamine
CAS Number : 7275-24-3
CAT Number : CP-T2003
Molecular Formula : C₁₂H₁₆ClN₄S : Cl : HCl
Molecular Weight : 283.8 : 35.45 : 36.46
Batch Number : CP-THI-C-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	Off White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	97.46%
5)	H1NMR	Confirm to structure
6)	13CNMR	Confirm to structure
7)	IR	Confirm to structure



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.