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CERTIFICATE OF ANALYSIS

Analysis Date: Apr 2025

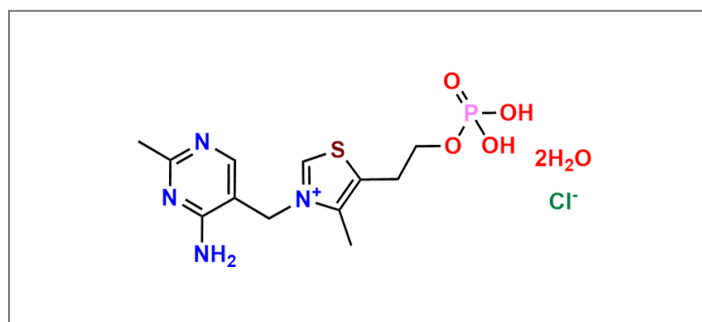
Re-test Date: Mar 2028

Product Name: Thiamine Monophosphate Chloride Dihydrate

Identification:

Chemical Name: 3-((4-Amino-2-methylpyrimidin-5-yl)methyl)-4-methyl-5-(2-(phosphonooxy)ethyl)thiazol-3-ium chloride dihydrate

Synonyms : NA
CAS Number : 273724-21-3
CAT Number : CP-T2022
Molecular Formula : C₁₂H₁₈ClN₄O₄PS : Cl : 2(H₂O)
Molecular Weight : 345.33 : 35.45 : 2(18.02)
Batch Number : CP-THI-MPCD-0425
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/D2O
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	99.59%
5)	¹ H NMR	Confirm to structure
6)	Weight loss by TGA	1.236%
7)	Potency by TGA	98.36%



Prepared and Reviewed By



Ms Priyanka Salunkhe
(Quality Control)

Approved By



Ms Rohini Gagare
(Quality Assurance)

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