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CERTIFICATE OF ANALYSIS

Analysis Date: Apr 2025

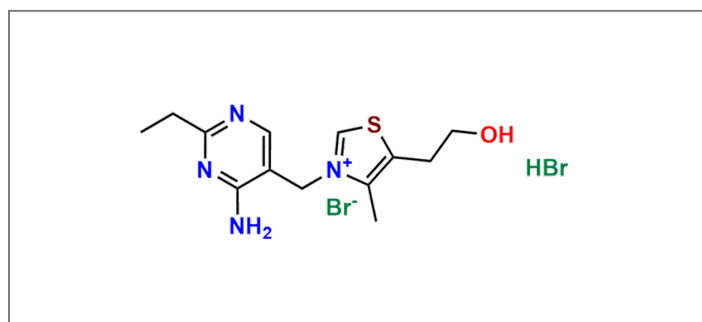
Re-test Date: Mar 2028

Product Name: Thiamine EP Impurity F

Identification:

Chemical Name: 3-((4-Amino-2-ethylpyrimidin-5-yl)methyl)-5-(2-hydroxyethyl)-4-methylthiazol-3-ium bromide hydrobromide

Synonyms : NA
CAS Number : 6309-04-2
CAT Number : CP-T2017
Molecular Formula : C₁₃H₁₉N₄O₅ : Br : HBr
Molecular Weight : 279.38 : 79.9 : 80.91
Batch Number : CP-THI-F-0424



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	Slightly Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	94.70%
5)	¹ HNMR	Confirm to structure
6)	IR	Confirm to structure
7)	Weight loss by TGA	-
8)	Potency by TGA	-



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.