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CERTIFICATE OF ANALYSIS

Analysis Date:

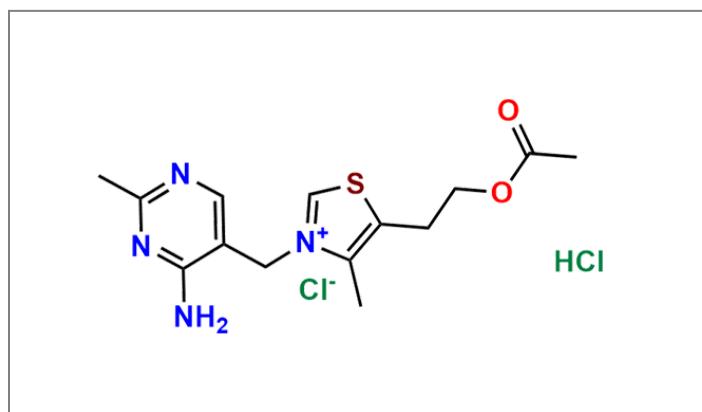
Re-test Date:

Product Name: Thiamine EP Impurity G

Identification:

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

Synonyms : NA
CAS Number : 1037-29-2
CAT Number : CP-T2018
Molecular Formula : C₁₄H₁₉N₄O₂S : HCl : Cl
Molecular Weight : 307.39: 36.46 : 35.45



Analytical Information:

| Sr. No. | Test | Result |
|---------|--------------------|--------------------------|
| 1) | Description | Solid |
| 2) | Solubility | Soluble in Methanol/DMSO |
| 3) | MASS By LCMS | Confirm to structure |
| 4) | Purity By HPLC | >95% |
| 5) | H1NMR | Confirm to structure |
| 6) | IR | Confirm to structure |
| 7) | Weight loss by TGA | - |
| 8) | Potency by TGA | - |

Prepared and Reviewed By

Approved By



Ms Priyanka Salunkhe
(Manager QC Analytical)

Ms Rohini Gagare
(QA Head)

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