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CERTIFICATE OF ANALYSIS

Analysis Date: Dec 2024

Re-test Date: Nov 2027

Product Name: Levomefolate Calcium (In House Standard)

Identification:

Chemical Name: Calcium (4-((((S)-2-amino-5-methyl-4-oxo-1,4,5,6,7,8-hexahydropteridin-6-yl)methyl)amino)benzoyl)-L-glutamate

Synonyms : L-Methylfolate Calcium

CAS Number : 151533-22-1

CAT Number : CP-L58004

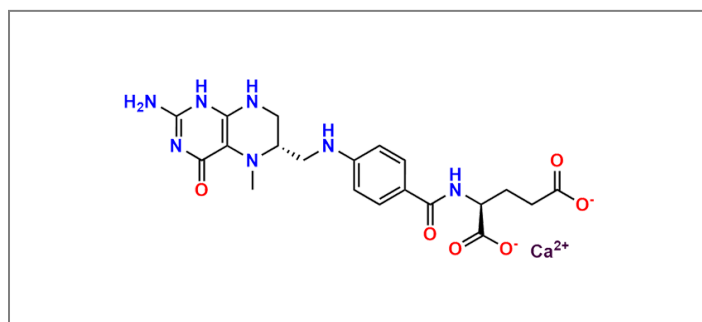
Molecular Formula : C₂₀H₂₃N₇O₆ : Ca

Molecular Weight : 457.4 : 40.1

Batch Number : CP-LEV-CAL-0125

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 to Off White Solid
2)	Solubility	Soluble in 100% Methanol & 2 Drops of 10% TFA in water
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	98.66%
5)	H1NMR	Confirm to structure
6)	13CNMR	Confirm to Structure
7)	IR	Confirm to Structure
8)	Weight loss by TGA	17.56%
9)	Potency by TGA	81.1%



Prepared and Reviewed By

A handwritten signature in blue ink, appearing to read "Priyanka Salunkhe".

Ms Priyanka Salunkhe
(Manager QC Analytical)

Approved By

A handwritten signature in blue ink, appearing to read "Rohini Gagare".

Ms Rohini Gagare
(QA Head)

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