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CERTIFICATE OF ANALYSIS

Analysis Date: Dec 2024

Re-test Date: Nov 2027

Product Name: Levothyroxine (In House Standard)

Identification:

Chemical Name: (S)-2-Amino-3-(4-(4-hydroxy-3,5-diiodophenoxy)-3,5-diiodophenyl)propanoic acid

Synonyms : NA

CAS Number : 51-48-9

CAT Number : CP-L18000

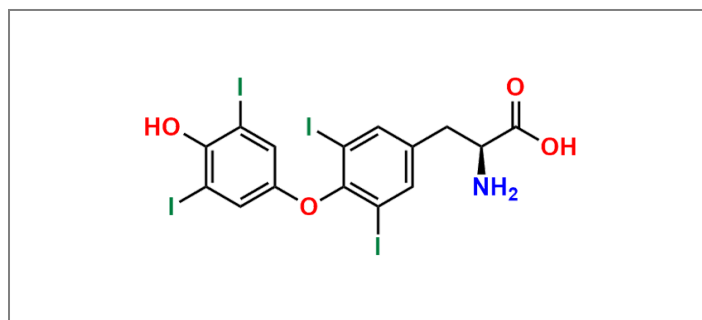
Molecular Formula : C₁₅H₁₁I₄NO₄

Molecular Weight : 776.87

Batch Number : CP-LEV-IN-1224

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	97.65%
5)	H1NMR	Confirm to structure
6)	Weight loss by TGA	7.745%
7)	Potency by TGA	89.90%



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.