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CERTIFICATE OF ANALYSIS

Analysis Date: Jan 2025

Re-test Date: Dec 2027

Product Name: Levothyroxine EP Impurity H

Identification:

Chemical Name: 4-(4-Hydroxy-3,5-diiodophenoxy)-3,5-diiodobenzoic acid (as per EP)

Synonyms : T4-Benzoic Acid (USP) ;
Levothyroxine Benzoic Acid
Impurity ; Levothyroxine USB H

CAS Number : 2055-97-2

CAT Number : CP-L18008

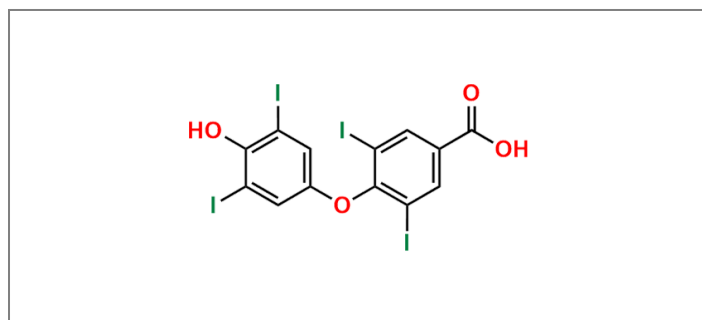
Molecular Formula : C₁₃H₆I₄O₄

Molecular Weight : 733.80

Batch Number : CHEM-LEVO-T4

Storage Condition : Tightly closed, Inert atmosphere at -20° C

Shipping condition : At low temperature with dry ice and ice pack gel



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	94.38%
5)	H1NMR	Confirm to structure
6)	13CNMR	Confirm to structure
7)	IR	Confirm to structure



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.