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## CERTIFICATE OF ANALYSIS

Analysis Date: Feb 2022

Re-test Date: Jan 2025

**Product Name: Levothyroxine EP Impurity H**

### Identification:

Chemical Name: 4-(4-hydroxy-3,5-diiodophenoxy)-3,5-diiodobenzoic acid

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

CAS Number : 2055-97-2

CAT Number : CP-L18008

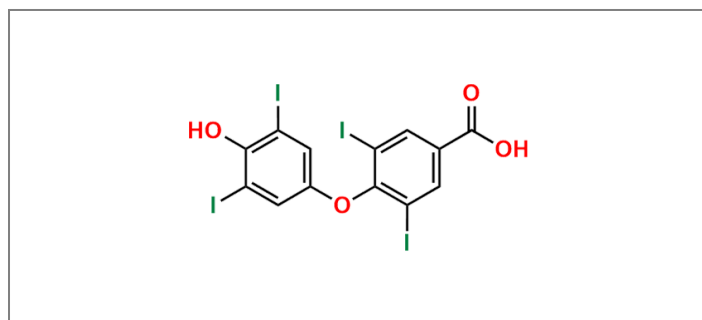
Molecular Formula : C<sub>13</sub>H<sub>6</sub>I<sub>4</sub>O<sub>4</sub>

Molecular Weight : 733.80

Batch Number : CHEM-LEVO-T4

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	94.46%
5)	H1NMR	Confirm to structure
6)	13CNMR	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.