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## CERTIFICATE OF ANALYSIS

Analysis Date: Jul 2024

Re-test Date: Jun 2027

**Product Name: Levothyroxine EP Impurity D**

### Identification:

Chemical Name: [4-(4-Hydroxy-3,5-diiodophenoxy)-3,5-diiodophenyl]acetic acid

Synonyms : Tetraiodothyroacetic Acid ; T4-  
Acetic Acid

CAS Number : 67-30-1

CAT Number : CP-L18004

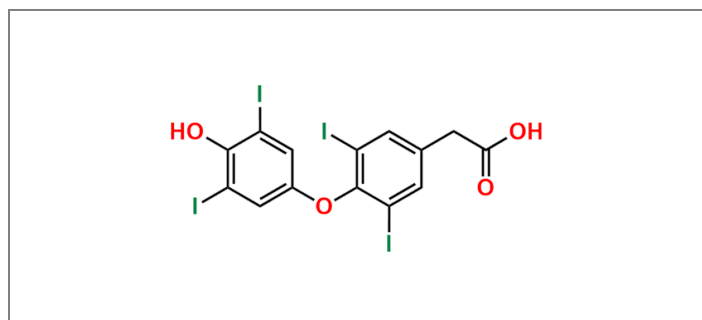
Molecular Formula : C<sub>14</sub>H<sub>8</sub>I<sub>4</sub>O<sub>4</sub>

Molecular Weight : 747.82

Batch Number : CP-LEV-D-0724

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 Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	99.25%
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.