

Analysis Date: 27-01-2025

Re-test Date: 27-01-2028

LEVOTHYROXINE EP IMPURITY H

Identification

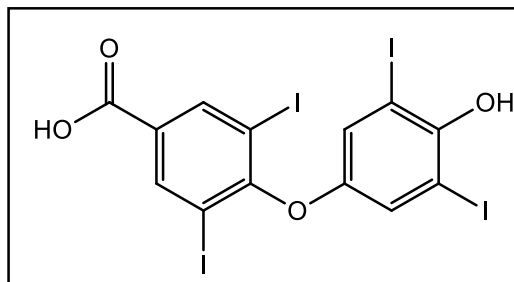
Chemical Name : 4-(4-Hydroxy-3, 5-diiodophenoxy)-3, 5-diiodobenzoic Acid

CAT No : ALL-L03356

CAS No : 2055-97-2

Molecular Formula : C₁₃H₆I₄O₄

Molecular Weight : 733.8



Analytical Information

Batch Code : ALL-L03356

HPLC Purity : 99.10 %

Solubility : MeOH: ACN

Potency : 97.38 %

Appearance of Product : Off White Solid

Mass : Confirm

Long Term Storage : 2-8 0C

IR Analysis : Confirm

Weight Loss By TGA : 0.967 %

¹HNMR : Confirm

Residue Of Ignition : 0.759 %

Additional Information

$$\% \text{Potency} = [100 - (\text{Weight Loss By TGA \%} + \text{Residue Of Ignition \%}) \times \text{Chromatographic Purity\%}] / 100 =$$

$$[100 - (0.967 + 0.759) \times 99.10] / 100 = 97.38 \%$$

Recommendation : Released

	Department	Name	Signature
Prepared and Reviewed by	Analytical	Mr. Vipul Khadase Jr. Executive	
Approved By	QA&QC	Dr. Ashish Keche Director QA&QC	

Attachment : HPLC, Mass, 1H NMR, IR, TGA

Shipping Condition : All Product are stable to be shipped at room temperature, unless otherwise specified

Corporate Office

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