

Analysis Date: 25-09-2025

Re-test Date: 25-09-2028

LEVOTHYROXINE EP IMPURITY D

Identification

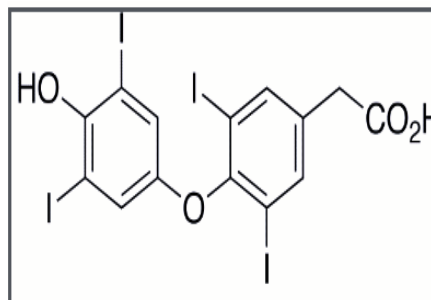
Chemical Name : [4-(4-Hydroxy-3,5-diiodophenoxy)-3,5-diiodophenyl]acetic acid

CAT No : ALL-LEV-D

CAS No : 67-30-1

Molecular Formula : C₁₄H₈I₄O₄

Molecular Weight : 747.83



Analytical Information

Batch Code	: ALL-LEV-D	HPLC Purity	: 98.00%
Solubility	: USP Diluent / EP Diluent (MEOH)	Potency	: 95.87%
Appearance of Product	: Off White Solid	Mass	: Confirm
Long Term Storage	: -20°C	IR Analysis	: Confirm
Weight Loss By TGA	: 1.145%	¹HNMR	: Confirm
Residue Of Ignition	: 1.025%		

Additional Information

%Potency = [100 - (Weight Loss By TGA % + Residue Of Ignition %) × Chromatographic Purity%]/100 =
[100 – (1.145+1.025) × 98.00]/100 = 95.87%

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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