

Analysis Date: 25-09-2025

Re-test Date: 25-09-2028

LEVOTHYROXINE EP IMPURITY C | T3-ACETIC ACID (USP)

Identification

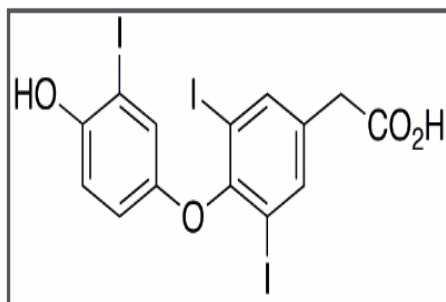
Chemical Name : [4-(4-Hydroxy-3-iodophenoxy)-3,5-diiodophenyl]acetic acid

CAT No : ALL-LEV-C

CAS No : 51-24-1

Molecular Formula : C₁₄H₉I₃O₄

Molecular Weight : 621.93



Analytical Information

Batch Code	: ALL-LEV-C	HPLC Purity	: 98.00%
Solubility	: USP Diluent / EP Diluent (MEOH)	Potency	: 96.82%
Appearance of Product	: Off White Solid	Mass	: Confirm
Long Term Storage	: -20°C	IR Analysis	: Confirm
Weight Loss By TGA	: 0.620%	¹HNMR	: Confirm
Residue Of Ignition	: 0.578%		

Additional Information

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

$$[100 - (0.620 + 0.578) \times 98.00] / 100 = 96.82\%$$

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

Allmpus Laboratories Pvt Ltd 38, Solitaire Industrial Estate, Plot No.TS-1, Near Nandi Palace Hotel, MIDC-Phase 1, Dombivli (E), Mumbai, Maharashtra 421203