

Analysis Date: 24-09-2025

Re-test Date: 24-09-2028

LEVOTHYROXINE T4-HYDROXYACETIC ACID (USP)

Identification

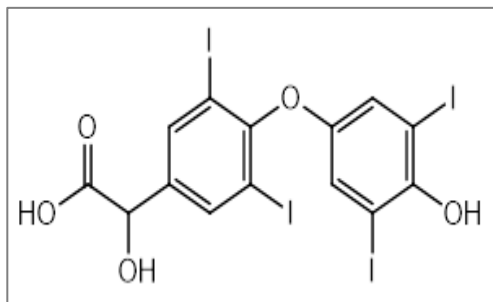
Chemical Name : 2-hydroxy-2-(4-(4-hydroxy-3,5-diiodophenoxy)-3,5-diiodophenyl)acetic acid

CAT No : ALL-L07402

CAS No : 93647-48-4

Molecular Formula : C₁₄H₈I₄O₅

Molecular Weight : 763.8



Analytical Information

Batch Code	: ALL-L07402	HPLC Purity	: 98.00 %
Solubility	: USP Diluent / EP Diluent (MEOH)	Potency	: 96.51%
Appearance of Product	: Off White Solid	Mass	: Confirm
Long Term Storage	: -20°C	IR Analysis	: Confirm
Weight Loss By TGA	: 0.711%	¹H NMR	: Confirm
Residue Of Ignition	: 0.801%		

Additional Information

%Potency = [100 - (Weight Loss By TGA % + Residue Of Ignition %) × Chromatographic Purity%]/100 =
[100 - (0.711+0.801) × 98.00 %]/100 = 96.51%

Recommendation : Released

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