

Analysis Date: 24-09-2025

Re-test Date: 24-09-2028

LEVOTHYROXINE EP IMPURITY A | LIOTHYRONINE

Identification

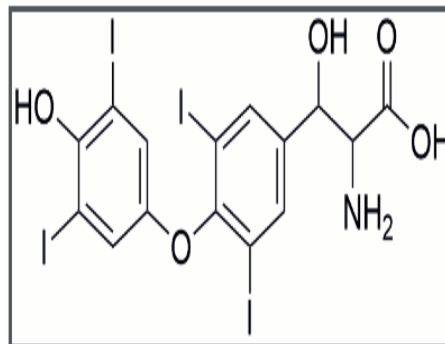
Chemical Name : (2S)-2-Amino-3-[4-(4-hydroxy-3-iodophenoxy)-3,5-diiodophenyl]propanoic acid

CAT No : ALL-LEVO-A

CAS No : 6893-02-3 | 55-06-1 (Base)

Molecular Formula : C₁₅H₁₂I₃NO₄

Molecular Weight : 650.97



Analytical Information

Batch Code	: ALL-LEVO-A	HPLC Purity	: 98.00%
Solubility	: USP Diluent / EP Diluent (MEOH)	Potency	: 97.55%
Appearance of Product	: Off White Solid	Mass	: Confirm
Long Term Storage	: -20°C	IR Analysis	: Confirm
Weight Loss By TGA	: 0.266%	¹HNMR	: Confirm
Residue Of Ignition	: 0.187%		

Additional Information

%Potency = [100 - (Weight Loss By TGA % + Residue Of Ignition %) × Chromatographic Purity%]/100 =
[100 - (0.266+0.187) × 98.00]/100 = 97.55%

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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