

Analysis Date: 26-09-2025

Re-test Date: 26-09-2028

LEVOTHYROXINE N-FORMYL IMPURITY (USP)

Identification

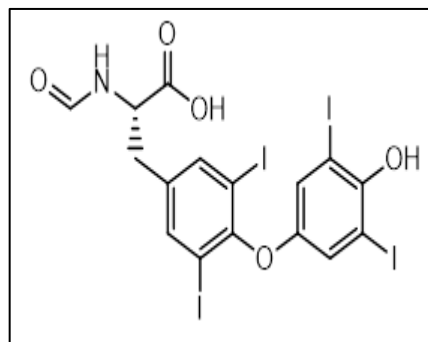
Chemical Name : N-Formyl-O-(4-hydroxy-3,5-diiodophenyl)-3,5-diiodo-L-tyrosine

CAT No : ALL-L07408

CAS No : 671235-41-9

Molecular Formula : C₁₆H₁₁I₄NO₅

Molecular Weight : 804.88



Analytical Information

Batch Code	: ALL-L07408	HPLC Purity	: 98.00%
Solubility	: USP Diluent / EP Diluent (MEOH)	Potency	: 97.26%
Appearance of Product	: Off White Solid	Mass	: Confirm
Long Term Storage	: -20°C	IR Analysis	: Confirm
Weight Loss By TGA	: 0.275%	¹H NMR	: Confirm
Residue Of Ignition	: 0.476%		

Additional Information

%Potency = [100 - (Weight Loss By TGA % + Residue Of Ignition %) × Chromatographic Purity%]/100 =
[100 - (0.275+0.476) × 98.00]/100 = 97.26%

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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