

Analysis Date: 25-09-2025

Re-test Date: 25-09-2028

LEVOTHYROXINE IMPURITY-6

Identification

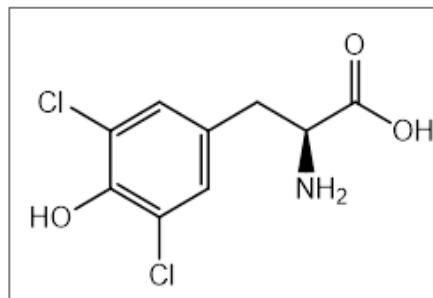
Chemical Name : (S)-2-Amino-3-(3,5-dichloro-4-hydroxyphenyl)propanoic acid

CAT No : ALL-L07405

CAS No : 15106-62-4

Molecular Formula : C₉H₉Cl₂NO₃

Molecular Weight : 250.1



Analytical Information

Batch Code : ALL-L07405

HPLC Purity : 98.00%

Solubility : MeOH: ACN

Potency : 97.38 %

Appearance of Product : Off White Solid

Mass : Confirm

Long Term Storage : 2-8 0C

IR Analysis : Confirm

Weight Loss By TGA : 0.967 %

¹H NMR : Confirm

Residue Of Ignition : 0.759 %

Additional Information

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

$$[100 - (0.967 + 0.759) \times 98.00] / 100 = 97.38 \%$$

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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