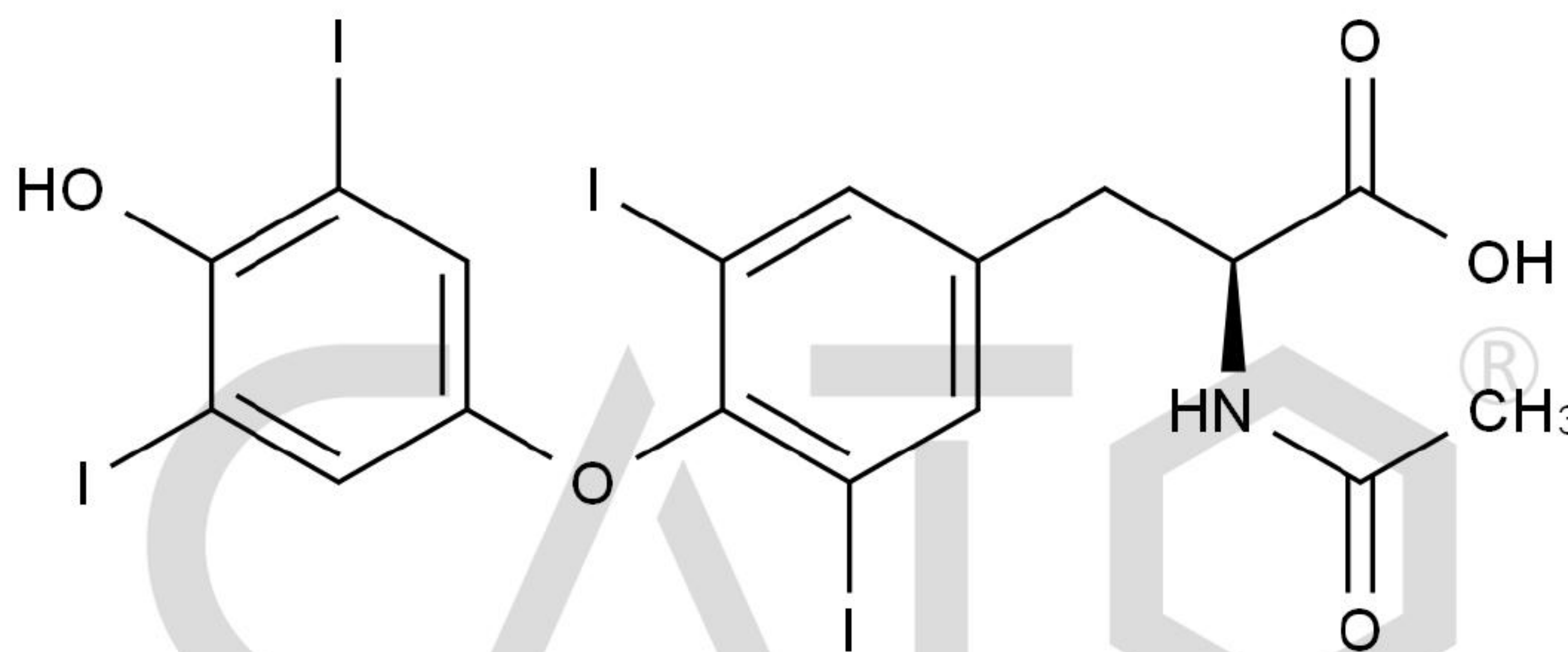


Certificate of Analysis

Reference Material & Standard

Product Name:	Levothyroxine N-Acetyl Impurity	Catalogue Number:	C4X-167810
Synonyms:	N/A	Lot Number:	0115-RH-0041
CAS Number:	26041-51-0	Expiry Date:	Sep 15, 2028
Molecular Formula:	C ₁₇ H ₁₃ I ₄ NO ₅	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	818.91	Shipping Condition:	Shipping at Room Temperature

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White to Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	90.78%
Loss on Drying	TGA	0.3853%
Assay		90.4%

Comment:

The calculation of the mass balance method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Loss on Drying) * Purity HPLC (%) / 100%

Loss on Drying is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Jul 20, 2026

Date: Jul 20, 2026

Date: Jul 20, 2026



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