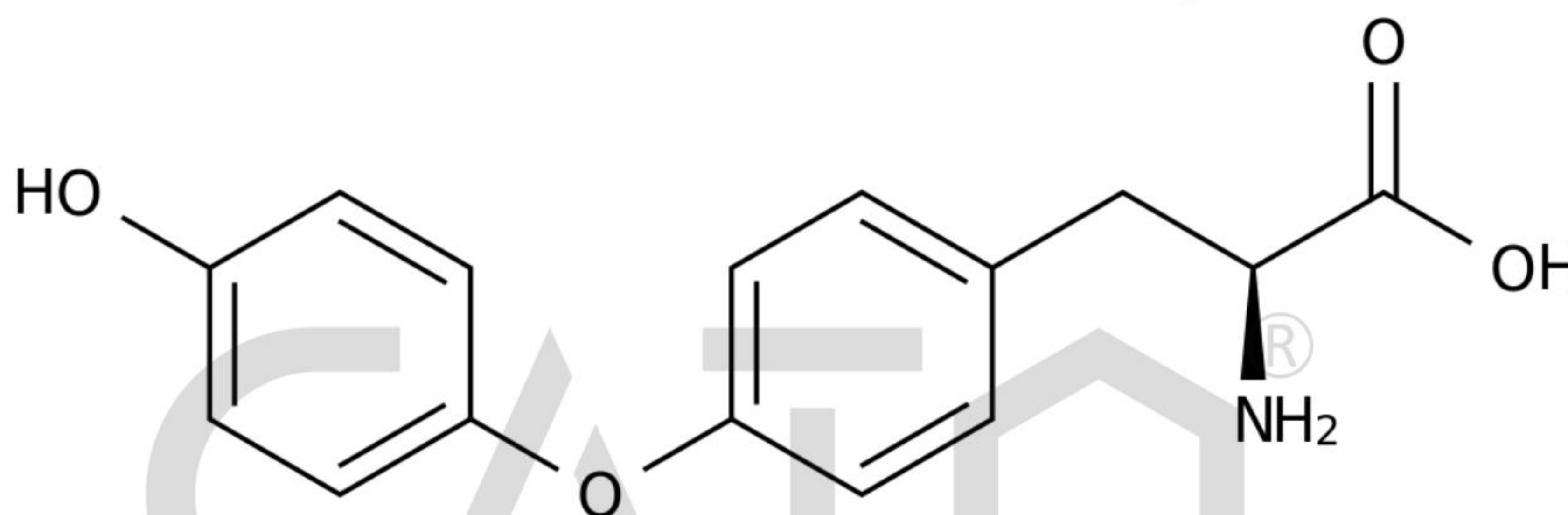


Certificate of Analysis

Reference Material & Standard

Product Name:	L-Thyronine	Catalogue Number:	CPTD784143
Synonyms:	N/A	Lot Number:	0423-RF-0052
CAS Number:	1596-67-4	Expiry Date:	Apr 25, 2028
Molecular Formula:	C15H15NO4	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	273.28	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	95.73%
Loss On Drying	TGA	0.1693%
Assay		95.6%

Comment:

The calculation of the 100% method follows the formula (calculated on the non-dried basis):

$\text{Assay (\%)} = (100\% - \text{Loss On Drying}) * \text{Purity HPLC (\%)} / 100\%$

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

Signature:

Prepared by:

Nice

Reviewed by:

Hinlam

Aporoved by General Manager:

David

Date: Apr 26, 2024

Date: Apr 26, 2024

Date: Apr 26, 2024

