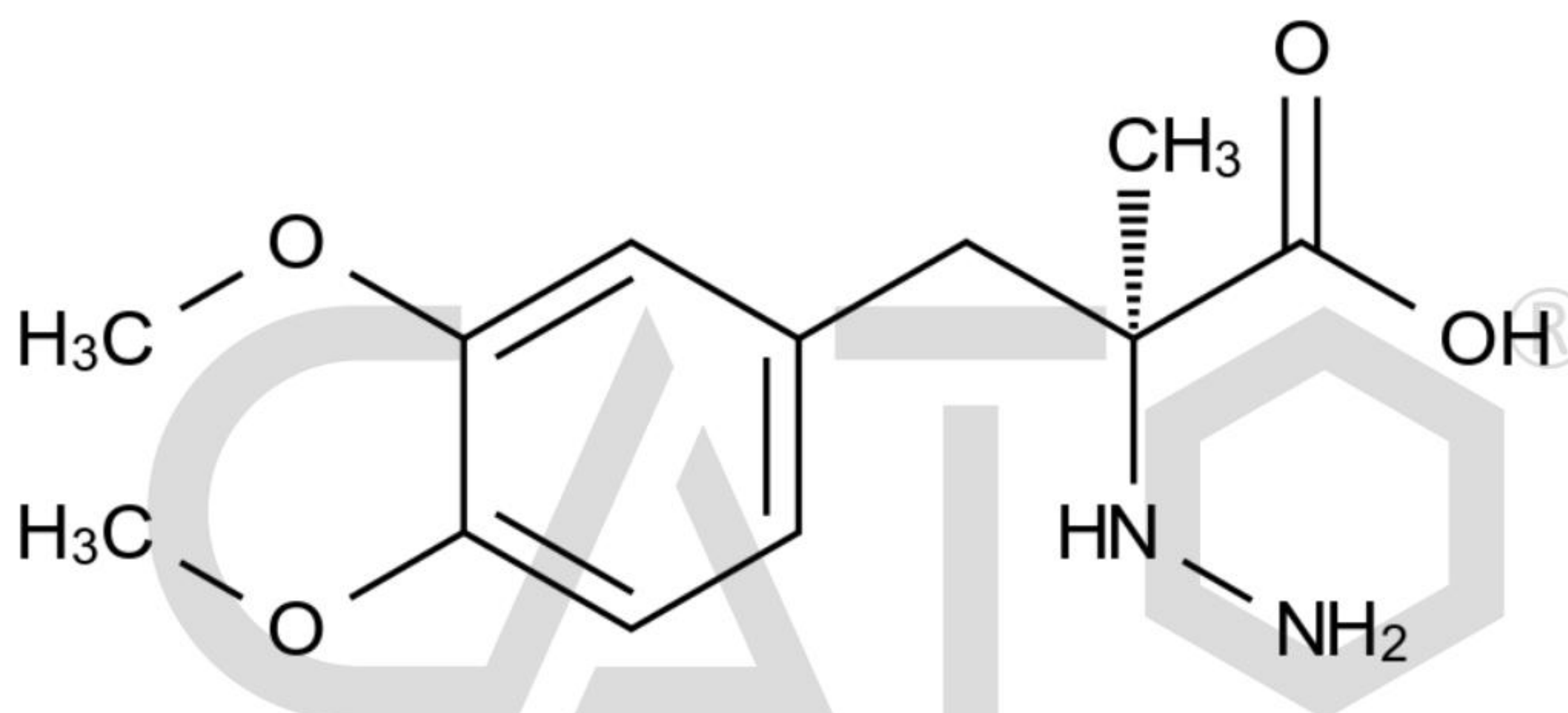


Certificate of Analysis

Reference Material & Standard

Product Name:	Carbidopa Impurity 31	Catalogue Number:	C4X-231031
Synonyms:	N/A	Lot Number:	0809-RH-0064
CAS Number:	28860-96-0	Expiry Date:	Jun 02, 2029
Molecular Formula:	C ₁₂ H ₁₈ N ₂ O ₄	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	254.28	Shipping Condition:	Shipping with Ice Packs

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Pale Yellow Solid
Identification	LCMS&UV&HNMR	Confirmed
Purity	HPLC	98.50%
Loss on Drying	TGA	6.8806%
Assay		91.7%

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:

Reviewed by:

Approved by General Manager:

Date: Aug 13, 2026

Date: Aug 14, 2026

Date: Aug 14, 2026



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