

Certificate of Analysis

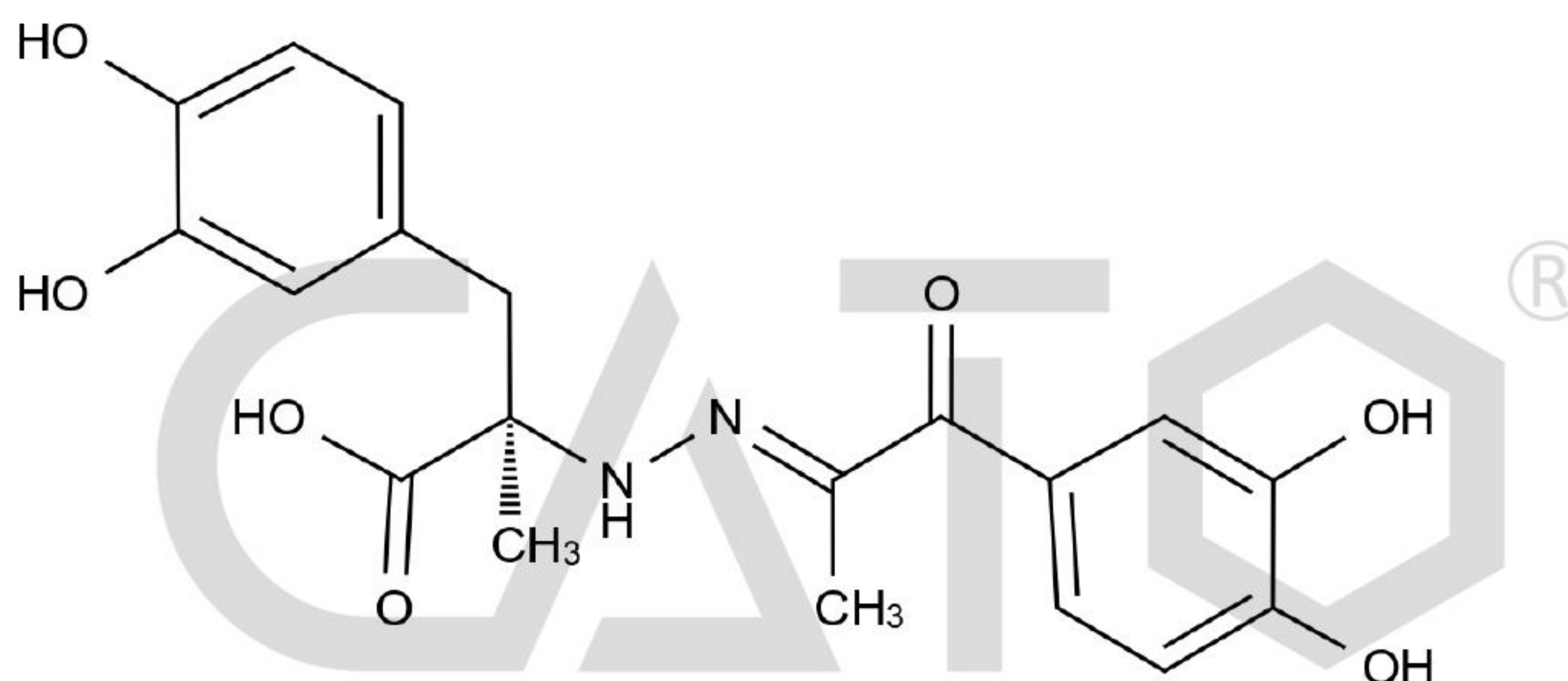
Reference Material & Standard

Product Name:	Carbidopa Impurity 21	Catalogue Number:	C4X-231021
Synonyms:	N/A	Lot Number:	0515-RH-0109
CAS Number:	N/A	Expiry Date:	May 18, 2028
Molecular Formula:	C ₁₉ H ₂₀ N ₂ O ₇	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	388.37	Shipping Condition:	Shipping with Ice Packs

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Grey Solid
Identification	LCMS&IR&CNMR&HNMR	Confirmed
Purity	HPLC	100.000%
Loss on Drying	TGA	6.3973%
Assay		93.6%

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: May 19, 2026

Date: May 19, 2026

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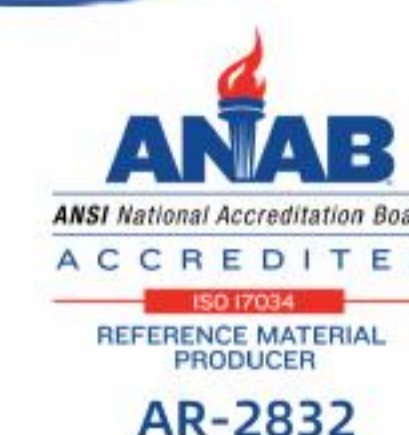
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