

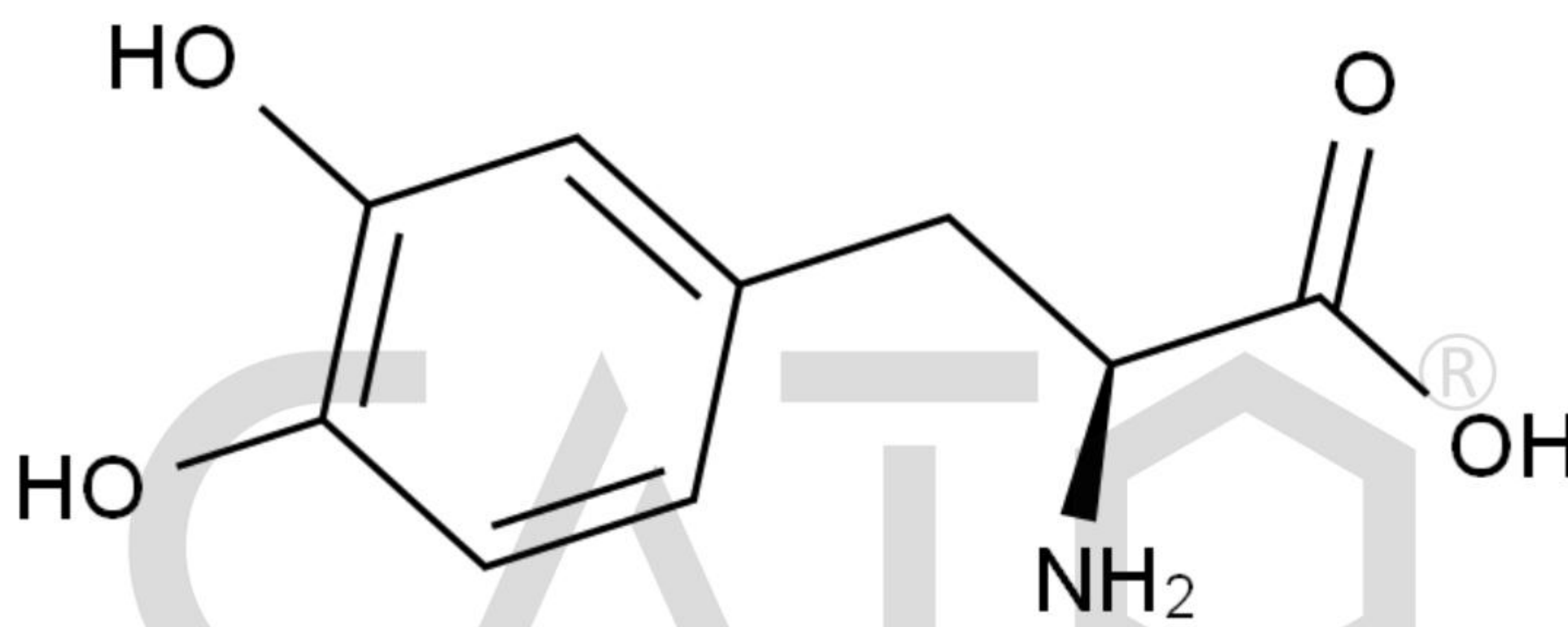
Certificate of Analysis

Reference Material & Standard

Product Name:	Levodopa	Catalogue Number:	CCPE900086
Synonyms:	N/A	Lot Number:	1014-RF-0076
CAS Number:	59-92-7	Expiry Date:	Oct 17, 2027
Molecular Formula:	C ₉ H ₁₁ NO ₄	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	197.19	Warning:	



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	100.0%
Assay	qNMR	95.1%
Uncertainty		±2.0%

Comment:

1. Assay was determined by quantitative ¹H-NMR.
2. The uncertainty values are the expanded uncertainty and represent an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

Signature:

Prepared by:

Nice

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Oct 18, 2024

Date: Oct 19, 2024

Date: Oct 19, 2024

