

Certificate of Analysis

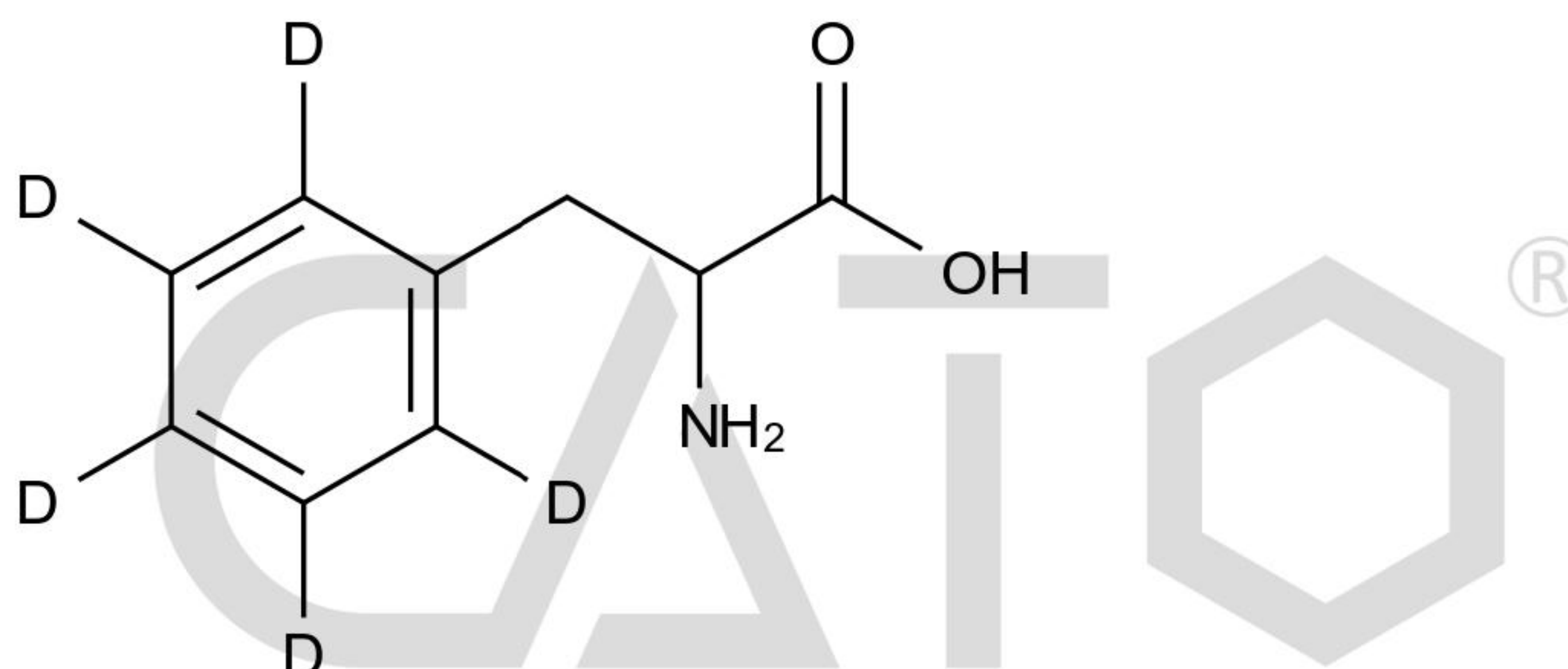
Reference Material & Standard

Product Name:	DL-Phenylalanine-d5	Catalogue Number:	C1805559
Synonyms:	N/A	Lot Number:	0121-RH-0024
CAS Number:	284664-89-7	Expiry Date:	Jun 02, 2028
Molecular Formula:	C ₉ H ₆ D ₅ NO ₂	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	170.22	Shipping Condition:	Shipping with Ice Packs

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White to Off-White Solid
Identification	LCMS&HNMR	Confirmed
Chemical Purity	HPLC	100.0%
Isotopic Purity		99.9%
Uncertainty		±0.1%

Comment:

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:

Lisa

Reviewed by:

Nice

Approved by General Manager:

David

Date: Jan 22, 2026

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