

Certificate of Analysis

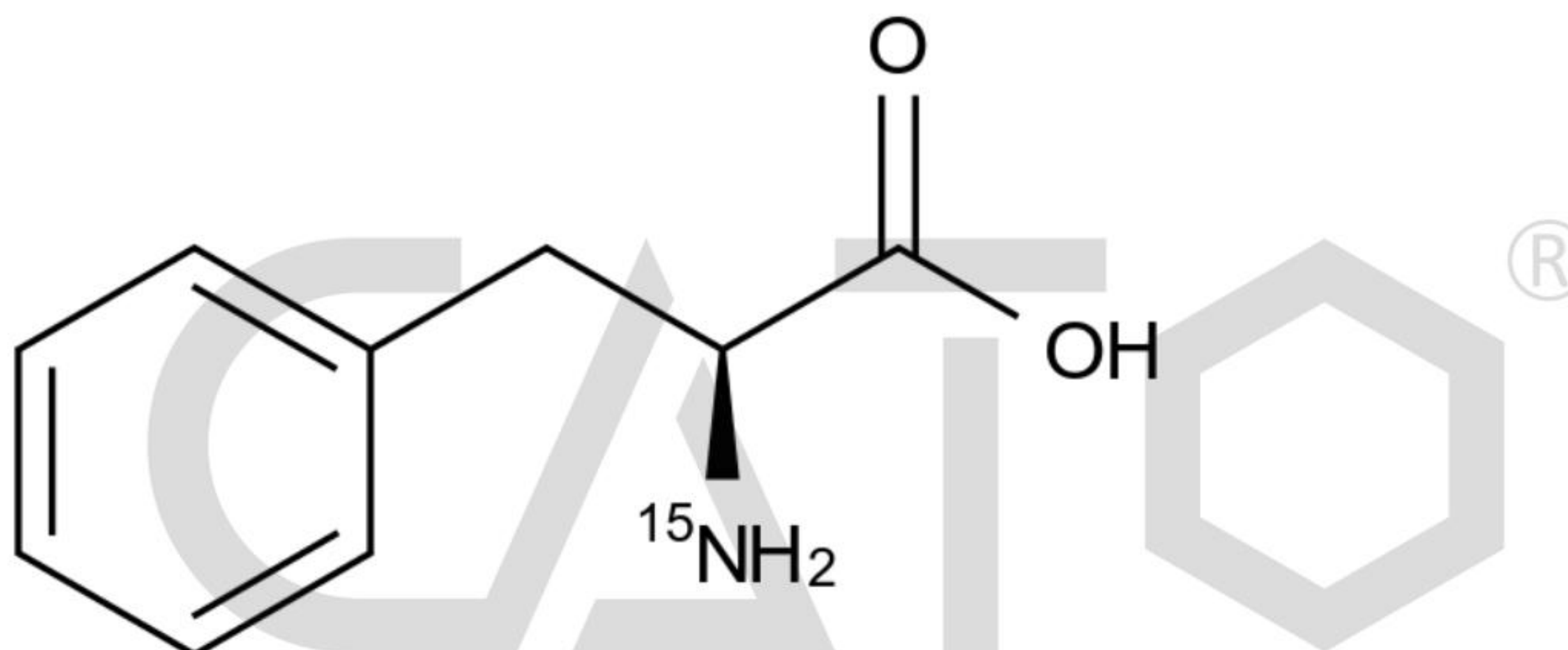
Reference Material & Standard

Product Name:	L-Phenylalanine-15N	Catalogue Number:	CCFD201435
Synonyms:	N/A	Lot Number:	0918-RG-0073
CAS Number:	29700-34-3	Expiry Date:	Sep 22, 2029
Molecular Formula:	C ₉ H ₁₁ [15N]O ₂	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	166.18		

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Chemical Purity	HPLC	100.0%
Isotopic Purity		98.3%
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:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Sep 23, 2025

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