

Certificate of Analysis

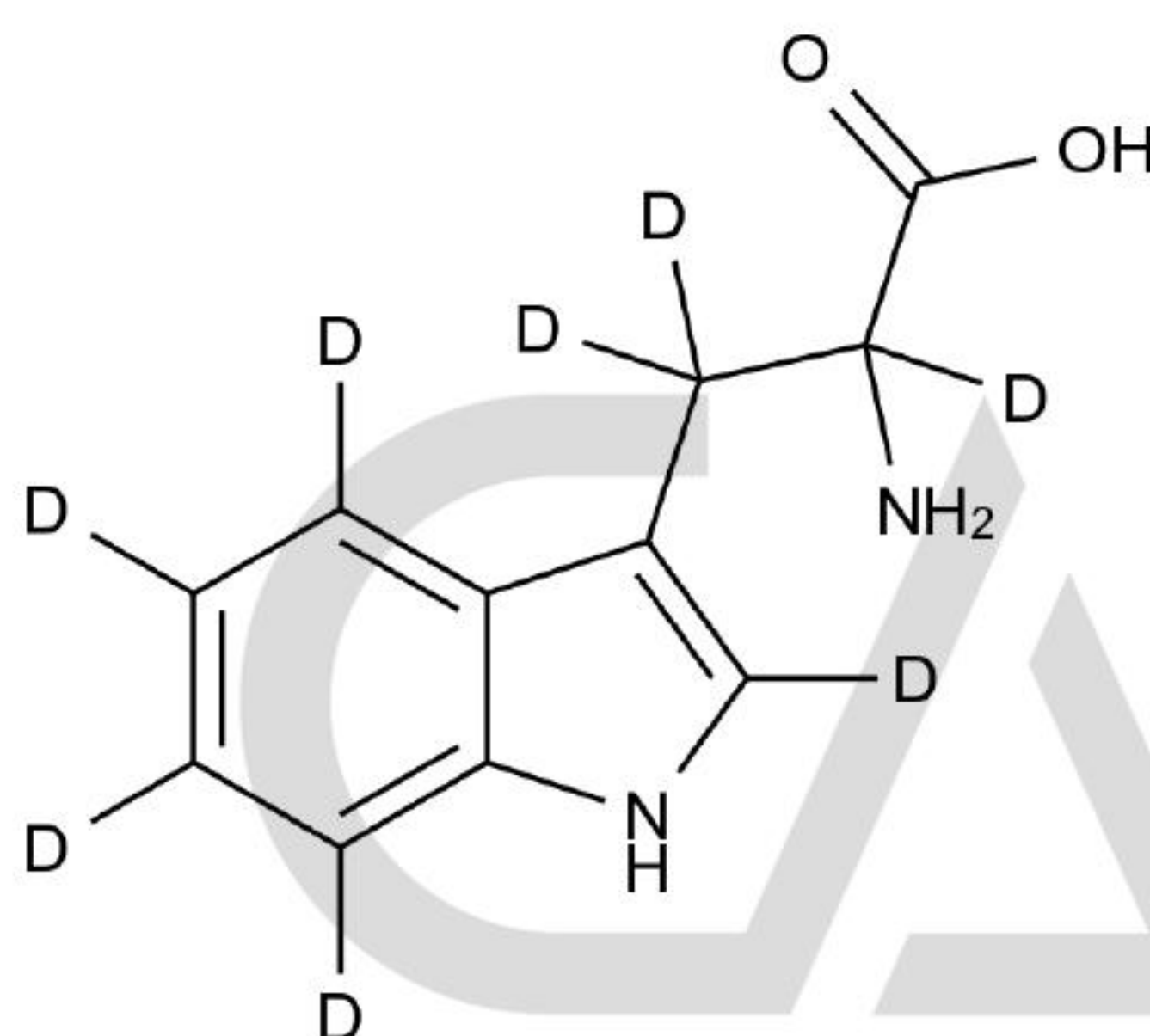
Reference Material & Standard

Product Name:	DL-Tryptophan-d8	Catalogue Number:	CCFD201941
Synonyms:	N/A	Lot Number:	0206-RE-0049
CAS Number:	1233395-85-1	Expiry Date:	Feb 15, 2028
Molecular Formula:	C ₁₁ H ₄ D ₈ N ₂ O ₂	Storage:	Room Temp Protected from light and Sealed
Molecular Weight:	212.27		

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Powder
Identification	HNMR	Confirmed
Chemical Purity	HPLC	99.6%
Isotopic Purity		99.1%
Uncertainty		±2.0%

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:

Xenia

Reviewed by:

Hinlam

Approved by General Manager:

David

Date: Feb 16, 2022

Date: Feb 10, 2023

Date: Feb 10, 2023



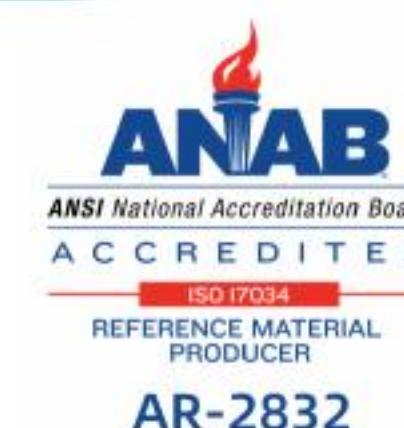
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