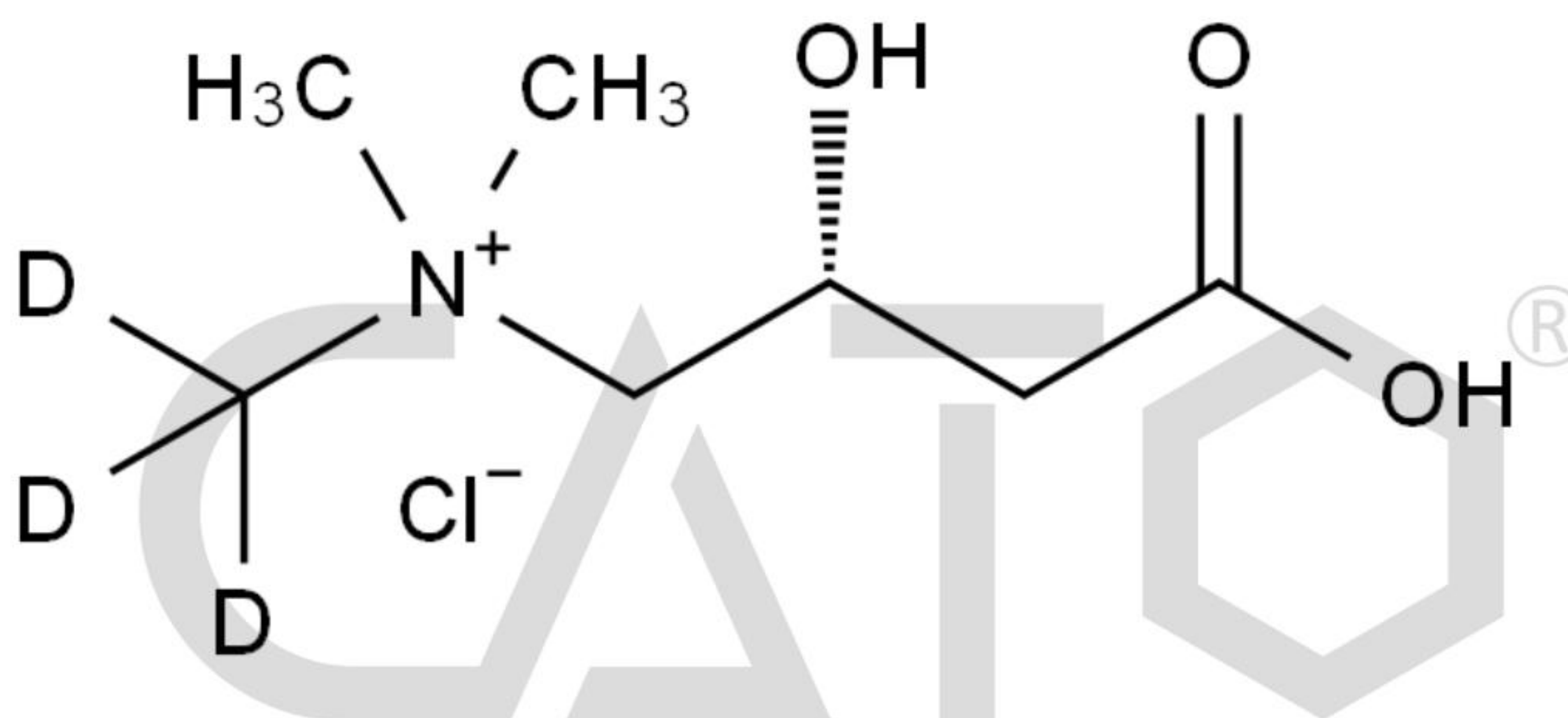


Certificate of Analysis

Reference Material & Standard

Product Name:	L-Carnitine-d3 HCl	Catalogue Number:	CCFD200903
Synonyms:	N/A	Lot Number:	1026-RG-0053
CAS Number:	350818-62-1	Expiry Date:	May 06, 2027
Molecular Formula:	C ₇ H ₁₃ D ₃ NO ₃ Cl	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	165.23 35.45	Shipping Condition:	Shipping with Ice Packs

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Chemical Purity	NMR	97.0%
Isotopic Purity		99.0%
Uncertainty		±0.6%

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:

Hin Lam

Approved by General Manager:

David

Date: Nov 03, 2025

Date: Nov 03, 2025

Date: Nov 03, 2025



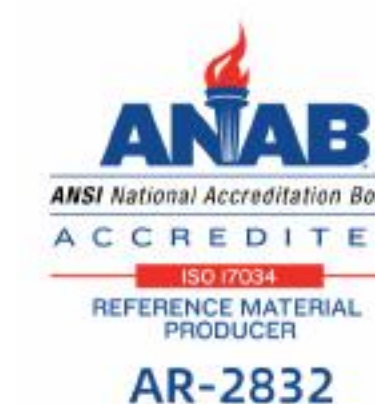
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