

Certificate of Analysis

Reference Material & Standard

Product Name:	Atropine-d5	Catalogue Number:	CCAD302246
Synonyms:	N/A	Lot Number:	1213-RF-0024
CAS Number:	N/A	Expiry Date:	Aug 16, 2027
Molecular Formula:	C ₁₇ H ₁₈ D ₅ NO ₃	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	294.40		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White to Off-White Solid
Identification	LCMS&HNMR	Confirmed
Chemical Purity	HPLC	99.2%
Isotopic Purity		98.6%
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:

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Reviewed by:

Hin Lam

Approved by General Manager:

David

Date: Dec 17, 2024

Date: Dec 17, 2024

Date: Dec 17, 2024

