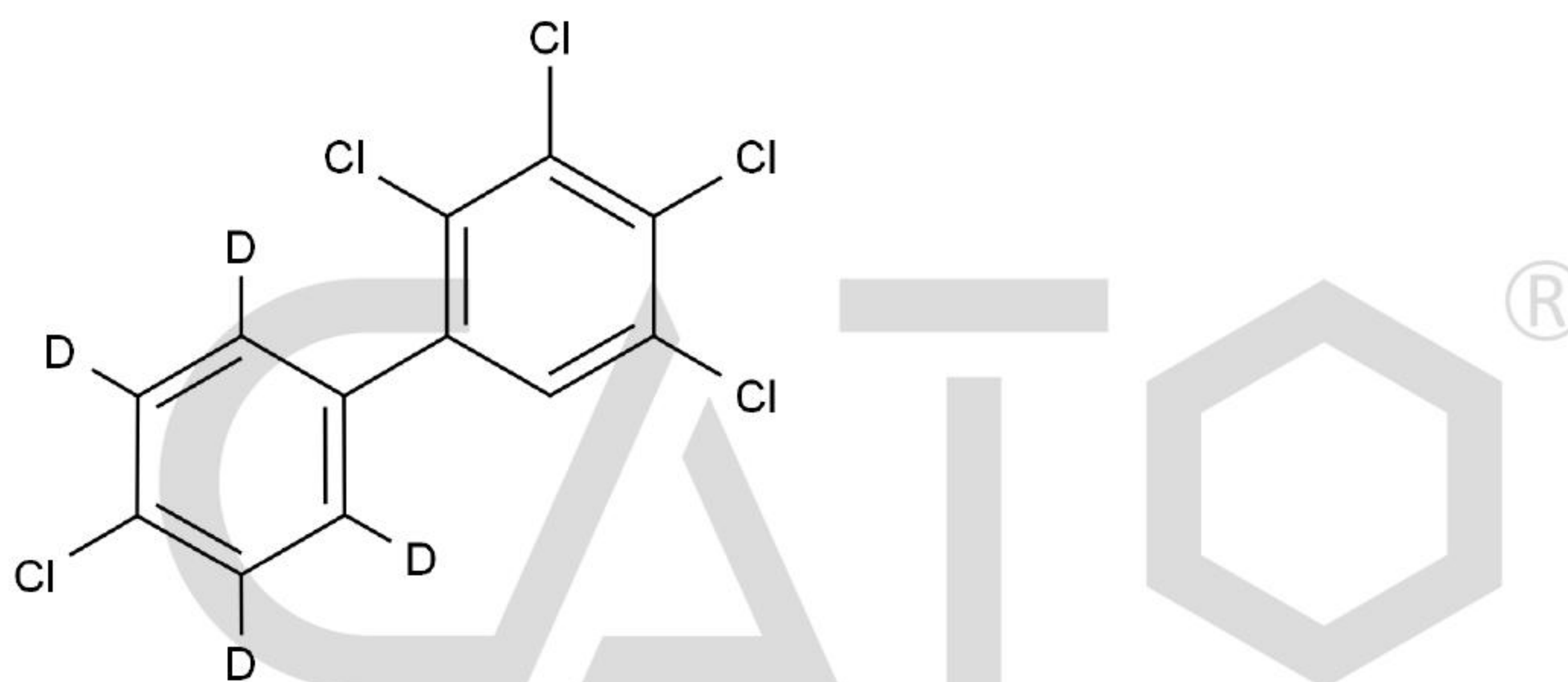


Certificate of Analysis

Reference Material & Standard

Product Name:	2,3,4,4',5-Pentachlorobiphenyl-2',3',5',6'-d4	Catalogue Number:	CCHM702423
Synonyms:	N/A	Lot Number:	0206-RH-0115
CAS Number:	1219799-24-2	Expiry Date:	Jul 13, 2028
Molecular Formula:	C ₁₂ HD ₄ Cl ₅	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	330.46	Shipping Condition:	Shipping with Ice Packs

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White to Off-White Solid
Identification	GCMS	Confirmed
Chemical Purity	HPLC	99.4%
Isotopic Purity		100.0%
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:

Hin Lam

Approved by General Manager:

David

Date: Feb 10, 2026

Date: Feb 10, 2026

Date: Feb 10, 2026



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