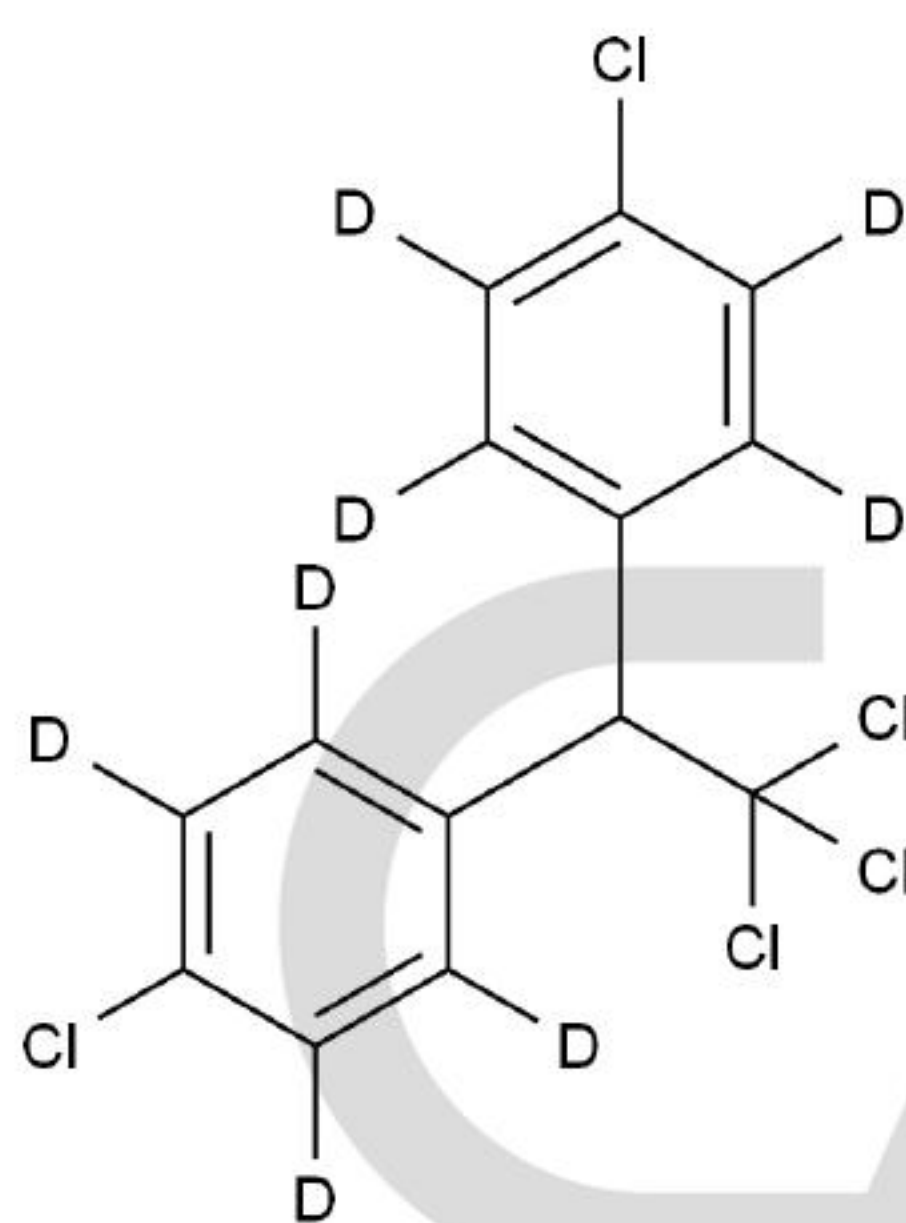


Certificate of Analysis

Reference Material & Standard

Product Name:	4,4'-DDT-d8	Catalogue Number:	CCPE901470
Synonyms:	N/A	Lot Number:	1009-RH-0016
CAS Number:	93952-18-2	Expiry Date:	Oct 08, 2029
Molecular Formula:	C ₁₄ H ₈ Cl ₅	Storage:	Room Temp Protected from light and Sealed
Molecular Weight:	362.54	Shipping Condition:	Shipping at Room Temperature
Solubility:	Acetonitrile		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	GCMS&HNMR	Confirmed
Chemical Purity	HPLC	99.806%
Isotopic Purity		99.2%
Loss on Drying	TGA	0.0592%
Assay	Mass Balance	99.7%
Uncertainty		±0.2%

Comment:

1. The calculation of the mass balance method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Loss on Drying) * Purity HPLC (%) / 100%

Loss on Drying is considered as absolute effect, HPLC purity is considered as relative effect.

2. 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: Oct 09, 2026

Date: Oct 09, 2026

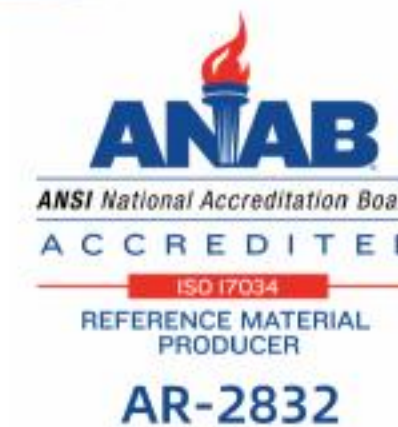
Date: Oct 09, 2026

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