

Certificate of Analysis

Reference Material & Standard

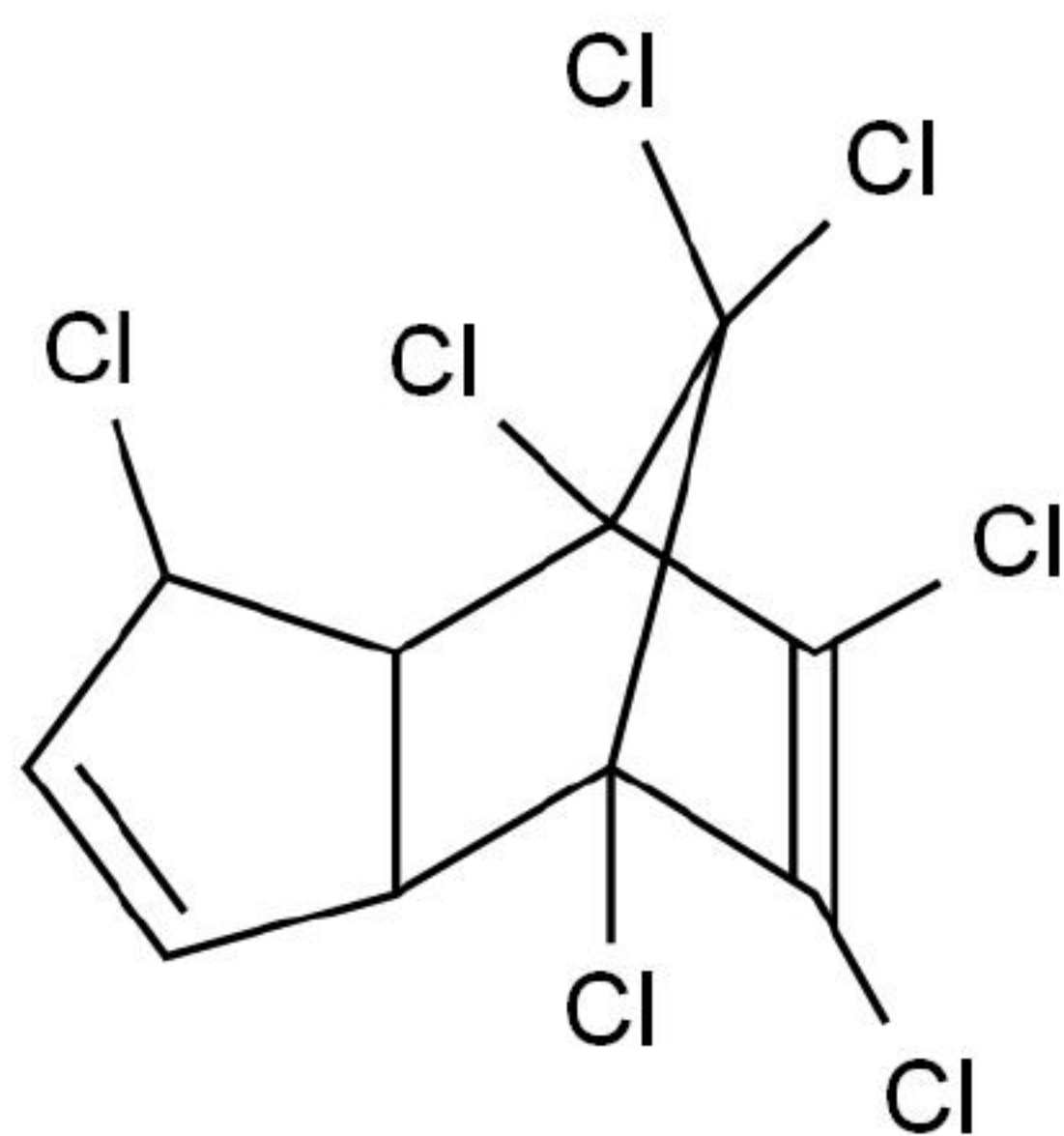
Product Name: Heptachlor
Synonyms: N/A
CAS Number: 76-44-8
Molecular Formula: C₁₀H₅Cl₇
Molecular Weight: 373.32

Catalogue Number: CCPD100494
Lot Number: 0525-RE-0037
Expiry Date: Apr 19, 2028
Storage: Room Temp Protected from light and Sealed

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Purity	GC	99.12%
Water Content	Karl Fischer	0.07%
Assay		99.1%
Uncertainty		±2.0%

Comment:

1. No chromatogram available.
2. The calculation of the 100% method follows the formula (calculated on the non-dried basis):

$$\text{Assay (\%)} = (100\% - \text{Water Content}) * \text{Purity GC (\%)} / 100\%$$

Water Content is considered as absolute effect, GC purity is considered as relative effect.
3. 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:

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Aporoved by General Manager:

David

Date: Apr 20, 2022

Date: May 26, 2023

Date: May 26, 2023

