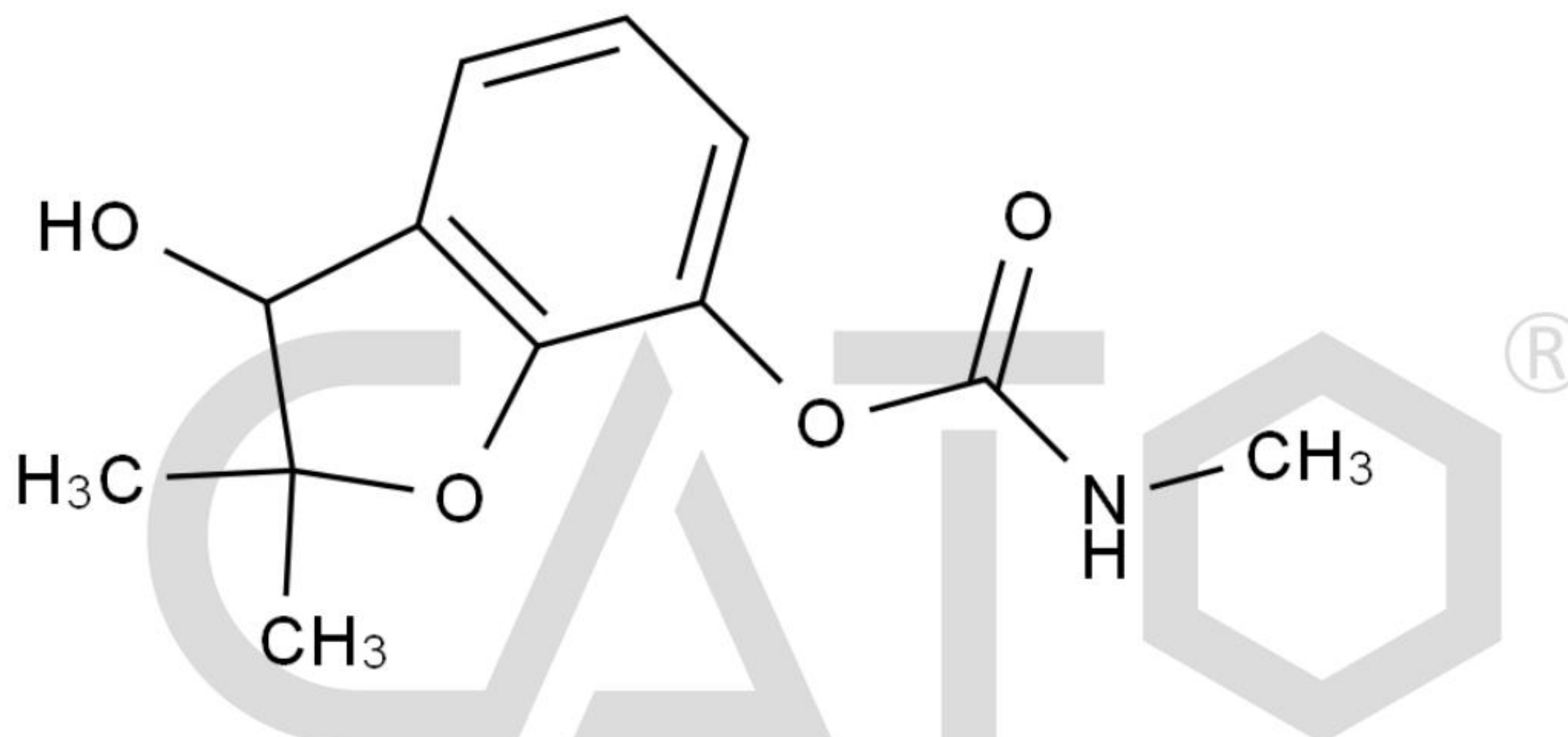


Certificate of Analysis

Reference Material & Standard

Product Name:	3-Hydroxy Carbofuran	Catalogue Number:	CCPD100164
Synonyms:	N/A	Lot Number:	1105-RF-0048
CAS Number:	16655-82-6	Expiry Date:	Nov 03, 2028
Molecular Formula:	C ₁₂ H ₁₅ NO ₄	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	237.25	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	98.5%
Assay	qNMR	95.2%
Uncertainty		±2.0%

Comment:

1. Assay was determined by quantitative ¹H-NMR.
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: Nov 08, 2024

Date: Nov 08, 2024

Date: Nov 08, 2024

