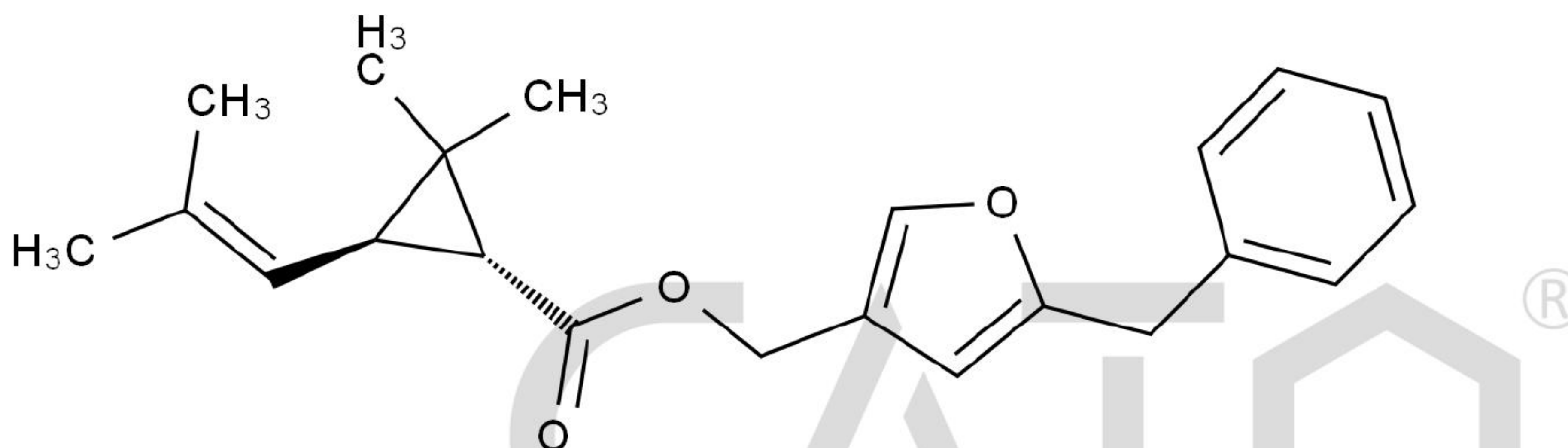


Certificate of Analysis

Reference Material & Standard

Product Name:	Bioresmethrin	Catalogue Number:	CCPD100131
Synonyms:	N/A	Lot Number:	0927-RE-0028
CAS Number:	28434-01-7	Expiry Date:	Nov 29, 2024
Molecular Formula:	C ₂₂ H ₂₆ O ₃	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	338.44	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Colourless Melting Solid
Purity	GC	97.36%
Water Content	Karl Fischer	0.25%
Assay		97.1%
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:

Prepared by:

Hin Lam

Reviewed by:

Debia

Approved by General Manager:

David

Date: Sep 28, 2023

Date: Sep 28, 2023

Date: Sep 28, 2023

