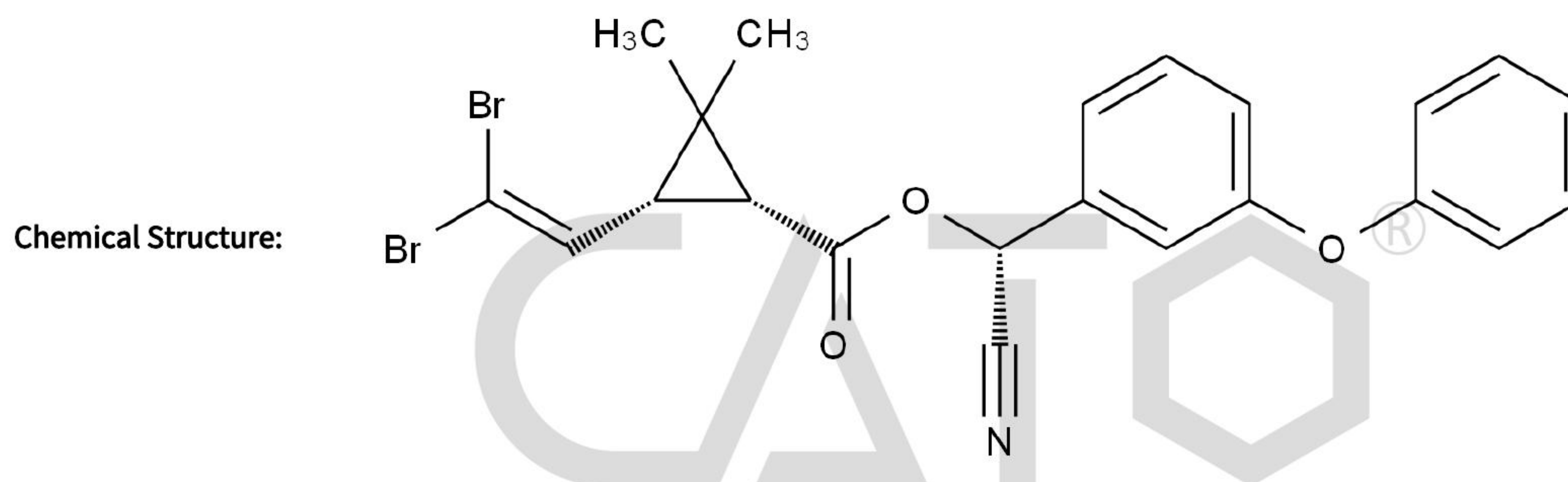


Certificate of Analysis

Reference Material & Standard

Product Name:	Deltamethrin (R-Isomer)	Catalogue Number:	C4X-28781
Synonyms:	N/A	Lot Number:	1120-RG-0006
CAS Number:	55700-99-7	Expiry Date:	May 30, 2027
Molecular Formula:	C ₂₂ H ₁₉ Br ₂ NO ₃	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	505.20	Shipping Condition:	Shipping with Ice Packs



Test Items	Method	Results
Appearance	Visual inspection	Pale Yellow Semi-Solid
Identification	LCMS&IR&HNMR	Confirmed
Purity	HPLC	98.2088%
Water Content	Karl Fischer	0.30%
Residual Solvents	NMR	2.2% ethyl acetate
Specific Rotation		[α] _D 21.0(c=0.32,CHCl ₃): -26.6°
Assay		95.8%

Comment:

- The compound contains 0.3% Deltamethrin (RT 13.35) according to its HPLC.
- The calculation of the mass balance method follows the formula (calculated on the non-dried basis):

$$\text{Assay (\%)} = (100\% - \text{Water Content} - \text{Residual Solvents}) * \text{Purity HPLC (\%)} / 100\%$$
 Water Content and Residual Solvents are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Reviewed by:

Approved by General Manager:

Date: May 24, 2026

Date: May 25, 2026

Date: May 25, 2026



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