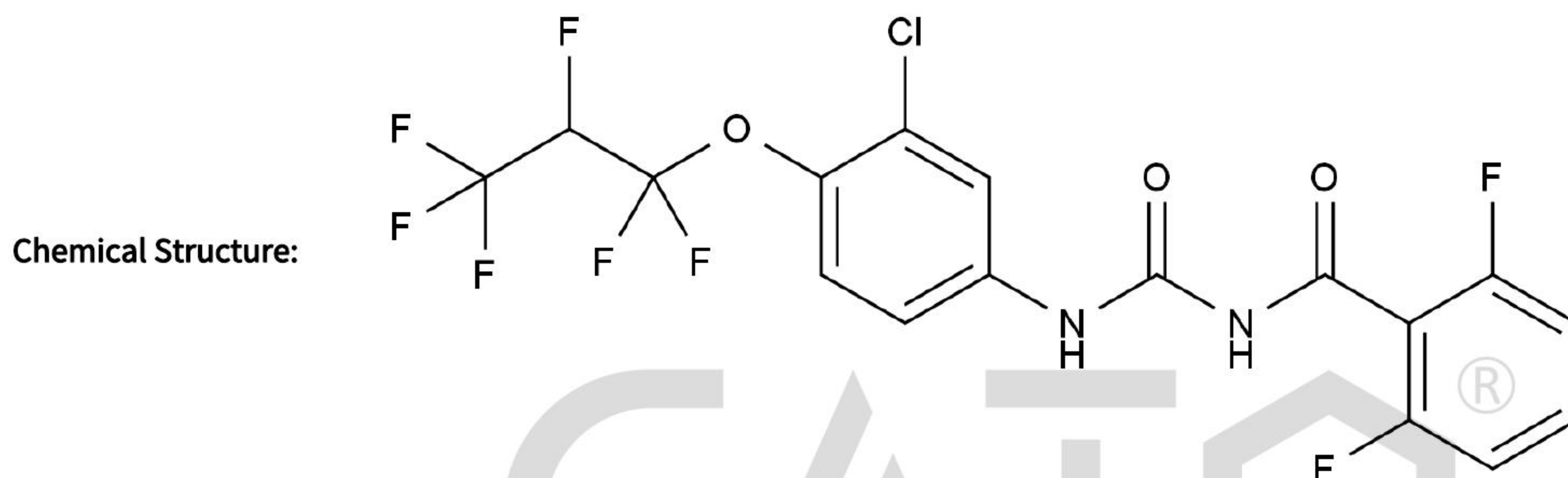


Certificate of Analysis

Reference Material

Product Name:	Lufenuron EP Impurity C	Catalogue Number:	C4X-28872
Chemical Name:	N/A	Lot Number:	0924-RE-0008
CAS Number:	N/A	Expiry Date:	Sep 17, 2026
Molecular Formula:	C ₁₇ H ₉ ClF ₈ N ₂ O ₃	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	476.71		



Test Items	Method	Results
Appearance	Visual inspection	White to Off-White Solid
Identification	LCMS&IR&HNMR	Confirmed
Purity	HPLC	98.5626%
Water Content	Karl Fischer	0.40%
Residual Solvents	NMR	Not detected in NMR
Assay		98.2%

Comment:

The calculation of the 100% method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Water Content - Residual Solvents) * Purity HPLC (%) / 100%

Water Content and Residual Solvents are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Lily

Reviewed by:

Hinlam

Aporoved by General manager:

David

Date: Sep 18, 2023

Date: Sep 26, 2023

Date: Sep 26, 2023

