

## Evaluation Report for Category L, Subcategory 1.1 Application

**Application Number:** 2022-5343  
**Application:** Application Subject to the Protection of Proprietary Interests in Pesticide Data (PIIP) Policy - Equivalency/Data Compensation Assessment  
**Product:** NewAgco Chlorantraniliprole Technical Insecticide  
**Registration Number:** 35259  
**Active ingredient (a.i.):** Chlorantraniliprole  
**PMRA Document Number :** **3603033**

### Purpose of Application

The purpose of this application was to register a new source of chlorantraniliprole, NewAgco Chlorantraniliprole Technical Insecticide, based on a registered precedent product.

### Chemistry Assessment

**Common Name:** Chlorantraniliprole  
**IUPAC\* Chemical Name:** 3-bromo-4'-chloro-1-(3-chloro-2-pyridyl)-2'-methyl-6'-(methylcarbamoyl)-1*H*-pyrazole-5-carboxanilide  
**CAS† Chemical Name:** 3-bromo-*N*-[4-chloro-2-methyl-6-[(methylamino)carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)-1*H*-pyrazole-5-carboxamide

\* International Union of Pure and Applied Chemistry

† Chemical Abstracts Service

NewAgco Chlorantraniliprole Technical Insecticide has the following properties:

Property	Result
Colour and physical state	Beige solid
Nominal concentration	98.2%
Odour	Characteristic odour
Density	1.5 – 1.7 g/mL at 20°C
Vapour pressure	$4.068 \times 10^{-9}$ mPa at 20°C
pH	4 - 6
Solubility in water	1.51 mg/L (pH 6.60)
n-Octanol/water partition coefficient	$\log K_{ow} = 2.406$ (pH 6.84)

The required chemistry data for NewAgco Chlorantraniliprole Technical Insecticide have been provided, reviewed, and found to be acceptable.

### **Health, Environmental and Value Assessments**

Health, environmental and value assessments were not required for this application.

### **Conclusion**

The Pest Management Regulatory Agency has completed an assessment of the information provided, and has found the information acceptable to support the registration of NewAgco Chlorantraniliprole Technical Insecticide.

### **References**

#### **PMRA**

#### **Document**

#### **Number**

#### **Reference**

3396017	2022, Vapor pressure of Chlorantraniliprole Technical [PRIVACY INFO REMOVED], DACO: 2.14.9
3396018	2021, Determination of the pH value of an aqueous solution of Chlorantraniliprole Technical [PRIVACY INFO REMOVED], DACO: 2.14.15,830.7000
3396019	2021, UV-VIS Absorption Spectra of Chlorantraniliprole Technical [PRIVACY INFO REMOVED], DACO: 2.14.12
3396020	2021, Accelerated Storage Stability and Corrosion Characteristics of Chlorantraniliprole Technical [PRIVACY INFO REMOVED] (amendment 1), DACO: 2.14.13,2.14.14
3396021	2020, Physical State, Appearance, Color, and Odor of Chlorantraniliprole Technical [PRIVACY INFO REMOVED], DACO: 2.14.1,2.14.2,2.14.3
3396022	2020, Melting point or range of Chlorantraniliprole Technical [PRIVACY INFO REMOVED], DACO: 2.14.4
3396023	2020, Solubility in water and organic solvents (Acetone and n-Hexane) of Chlorantraniliprole Technical [PRIVACY INFO REMOVED], DACO: 2.14.7,2.14.8
3396024	2020, Partition coefficient (N-Octanol/water) of Chlorantraniliprole Technical [PRIVACY INFO REMOVED], DACO: 2.14.11
3396025	2020, Determination of the Relative Density of Chlorantraniliprole Technical [PRIVACY INFO REMOVED], DACO: 2.14.6
3396026	2020, Accelerated Storage Stability and Corrosion Characteristics of Chlorantraniliprole Technical [PRIVACY INFO REMOVED], DACO: 2.14.13,2.14.14
3509127	2023, Five Batch Analysis of Chlorantraniliprole Technical, DACO: 2.13.3,2.13.4 CBI
3509128	2023, Determination of [CBI REMOVED] in Five Batches of Chlorantraniliprole Technical, DACO: 2.13.3,2.13.4 CBI

3509129 2023, Manufacturing Process of Chlorantraniliprole Technical, DACO: 2.11  
CBI  
3567582 2024, Clarification Response, DACO: 2.11.3,2.13.1 CBI

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