

## Evaluation Report for Category L, Subcategory 1.1 Application

**Application Number:** 2022-1387  
**Application:** Submissions Subject to Protection of Proprietary Interests in Pesticide Data (PPIP) Policy – Equivalency/Data Compensation Assessment  
**Product:** Chlorantraniliprole Technical  
**Registration Number:** 34853  
**Active ingredient (a.i.):** Chlorantraniliprole  
**PMRA Document Number:** 3438472

### Purpose of Application

The purpose of this application was to register Chlorantraniliprole Technical, a new source of the technical grade active ingredient chlorantraniliprole, 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

Chlorantraniliprole Technical has the following properties:

Property	Result
Colour and physical state	Off-white solid
Nominal concentration	97.4%
Odour	Characteristic
Density	1.18-1.71 g/mL
Vapour pressure	$9.34 \times 10^{-12}$ Pa (20 °C)
pH	6.45 (1% aqueous dispersion)
Solubility in water	0.963 mg/L (pH 7.0, 20 °C)
n-Octanol/water partition coefficient	$\log P_{ow} = 2.34$ (pH 7.0, 25 °C)

The required chemistry data for Chlorantraniliprole Technical 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 Chlorantraniliprole Technical.

### **Additional Information Being Requested**

Since this technical product is manufactured only at pilot scale before registration, five-batch data representing commercial-scale production at the approved manufacturing site will be required as post-market information after registration.

## References

<b>PMRA Document Number</b>	<b>Reference</b>
3338423	2022, 2.11, 2.12, 2.13.1-2 Chlorantraniliprole Technical Group A - Final, DACO: 2.11,2.11.1,2.11.2,2.11.3,2.11.4,2.12,2.13.1,2.13.2,2.13.3 CBI
3338424	2022, 2.14.1-2.14.13 Chlorantraniliprole Technical Group B - Final, DACO: 2.14.1,2.14.10,2.14.11,2.14.12,2.14.13,2.14.14,2.14.2,2.14.3,2.14.4,2.14.6, 2.14.7,2.14.8,2.14.9,2.3.1 CBI
3426656	2023, DACO 2 Chemistry Clarification Response_22-1387, DACO: 2.13.3,2.14.16 CBI

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