

Evaluation Report for Category L, Subcategory 1.1 Application

Application Number: 2022-3079
Application: Application Subject to the Protection of Proprietary Interests in Pesticide Data (PIIP) Policy - Equivalency/Data Compensation Assessment
Product: Wynca Pyraclostrobin Technical
Registration Number: 35159
Active ingredient (a.i.): Pyraclostrobin
PMRA Document Number: 3544315

Purpose of Application

The purpose of this application was to register a new source of pyraclostrobin, Wynca Pyraclostrobin Technical, based on a registered precedent product.

Chemistry Assessment

Common Name: Pyraclostrobin
 IUPAC* Chemical Name: methyl 2-([1-(4-chlorophenyl)-1*H*-pyrazol-3-yl]oxy)methyl)-*N*-methoxycarbanilate
 CAS† Chemical Name: methyl *N*-[2-[[[1-(4-chlorophenyl)-1*H*-pyrazol-3-yl]oxy]methyl]phenyl]-*N*-methoxycarbamate

* International Union of Pure and Applied Chemistry

† Chemical Abstracts Service

Wynca Pyraclostrobin Technical has the following properties:

Property	Result
Colour and physical state	White solid
Nominal concentration	98.54%
Odour	Odourless
Density	1.3204 – 1.3362 g/mL at 20°C
Vapour pressure	1.47×10^{-7} mPa at 20°C (estimated)
pH	6.92 at 31.6°C
Solubility in water	1.32 mg/L at pH 6.8
n-Octanol/water partition coefficient	$\log K_{ow} = 3.9$

The required chemistry data for Wynca Pyraclostrobin 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 Wynca Pyraclostrobin Technical.

References

PMRA

Document

Number	Reference
3369639	2022, Manufacturing process of Wynca Pyraclostrobin technical, DACO: 2.11.1,2.11.3 CBI
3369640	2015, 5 batch data of Wynca Pyraclostrobin technical, DACO: 2.13.2,2.13.3 CBI
3369641	2015, Validation of analytical methodology, DACO: 2.13.1 CBI
3369643	2015, Physical and chemical reports of Wynca Pyraclostrobin Technical, DACO: 2.14.1,2.14.10,2.14.12,2.14.13,2.14.14,2.14.15,2.14.2,2.14.3,2.14.6, 830.7000
3369644	2015, Physical and chemical reports of Wynca Pyraclostrobin Technical, DACO: 2.14.11,2.14.4,2.14.7,2.14.8,2.14.9
3510038	2015, method validation for [CBI REMOVED], DACO: 2.13.1
3510039	2015, Method validation for [CBI REMOVED], DACO: 2.13.1
3510040	2015, Method validation for [CBI REMOVED], DACO: 2.13.1
3510041	2015, Method validation for [CBI REMOVED], DACO: 2.13.1
3510042	2015, [CBI REMOVED] test, DACO: 2.13.4 CBI
3510043	2023, Three impurities test, DACO: 2.13.4
3541344	2021, Impurities of toxicological concern, DACO: 2.13.4

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