

Evaluation Report for Category L, Subcategory 1.1 Application

Application Number: 2022-2954
Application: Submissions Subject to Protection of Proprietary Interests in Pesticide Data Policy/ Data Compensation Assessment
Product: Wynca Azoxystrobin Technical
Registration Number: 34945
Active ingredient (a.i.): Azoxystrobin
PMRA Document Number: 3487007

Purpose of Application

The purpose of this application was to register a new source of azoxystrobin, WYNCA Azoxystrobin Technical, based on a precedent.

Chemistry Assessment

Common Name: Azoxystrobin
 IUPAC* Chemical Name: methyl (2*E*)-2-(2-([6-(2-cyanophenoxy)pyrimidin-4-yl]oxy)phenyl)-3-methoxyprop-2-enoate
 CAS† Chemical Name: methyl (α *E*)-2-[[6-(2-cyanophenoxy)-4-pyrimidinyl]oxy]- α -(methoxymethylene)benzeneacetate

* International Union of Pure and Applied Chemistry

† Chemical Abstracts Service

Wynca Azoxystrobin Technical has the following properties:

Property	Result
Colour and physical state	Cream solid
Nominal concentration	99%
Odour	Odourless
Density	1.325 – 1.337 g/mL at 20°C
Vapour pressure	5.7 × 10 ⁻⁵ mPa at 20°C (extrapolated) 1.35 × 10 ⁻⁴ mPa at 25°C (extrapolated)
pH	7.3 at 25°C
Solubility in water	9.96 mg/L (pH 7.27, 20°C)

Property	Result
n-Octanol/water partition coefficient	$\log K_{ow} = 2.4$

The required chemistry data for Wynca Azoxystrobin 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 Azoxystrobin Technical.

References

PMRA Document Number	References
3367748	2018, Manufacturing process of Wynca Azoxystrobin Technical, DACO: 2.11.1,2.11.3 CBI
3367749	2015, Preliminary analysis of Wynca Azoxystrobin Technical, DACO: 2.13.1,2.13.3
3367750	2015, batch data of Wynca Azoxystrobin Technical, DACO: 2.13.3 CBI
3367751	2016, Physical and chemical reports, DACO: 2.14.1,2.14.10,2.14.12,2.14.13,2.14.14,2.14.15,2.14.2,2.14.3,2.14.6,2.14.7,2.14.9
3406337	2018, Discussion of formation of impurities, DACO: 2.11.4
3406338	2015, [CBI REMOVED] impurity test, DACO: 2.13.4
3444669	2016, Water solubility and vapour pressure, DACO: 2.14.7,2.14.9

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