

Evaluation Report for Category L, Subcategory 1.1 Application

Application Number: 2022-5018
Application: Application Subject to Protection of Proprietary Interests in Pesticide (PIIP) Data Policy – Equivalency/Data Compensation Assessment
Product: Miraculous Azoxystrobin Technical
Registration Number: 34991
Active ingredient (a.i.): Azoxystrobin
PMRA Document Number : 3495161

Purpose of Application

The purpose of this application was to register Miraculous Azoxystrobin Technical, a new source of the active ingredient azoxystrobin, based on a registered precedent product.

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

Miraculous Azoxystrobin Technical has the following properties:

Property	Result
Colour and physical state	White solid
Nominal concentration	99%
Odour	Odourless
Density	1.283 g/mL (20 °C)
Vapour pressure	1.71×10^{-7} mPa (20 °C) 5.16×10^{-7} mPa (25 °C) 7.73×10^{-5} mPa (50 °C)
pH	6.49 (21.5 °C)
Solubility in water	7.18 mg/L (pH 6.21)
n-Octanol/water partition coefficient	log Kow = 2.6 (pH 6.23, 20.3 °C)

The required chemistry data for Miraculous 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 Miraculous Azoxystrobin Technical.

References

PMRA Document Number	Reference
3392819	2022, Discussion of Formation of Impurities, DACO: 2.11.4
3392821	2022, 5 Batch Data of Miraculous Azoxystrobin Technical, DACO: 2.13.3 CBI
3392822	2022, Physical and Chemical Report of Miraculous Azoxystrobin Technical, DACO: 2.14.1,2.14.10,2.14.11,2.14.12,2.14.13,2.14.14,2.14.15,2.14.2, 2.14.3,2.14.4,2.14.6,2.14.7,2.14.8,2.14.9,830.7000
3474858	2023, Updated Manufacturing Process, DACO: 2.11.3 CBI

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