



## Evaluation Report for Category L, Subcategory 1.1 Application

**Application Number:** 2020-5115  
**Application:** Submission subject to the *Protection of Proprietary Interests in Pesticide Data* (PIIP) policy-Equivalency/Data Compensation Assessment  
**Product:** Lanxess Azoxystrobin Technical  
**Registration Number:** 34468  
**Active ingredient (a.i.):** Azoxystrobin  
**PMRA Document Number :** 3274197

### Purpose of Application

The purpose of this application was to register a new source of azoxystrobin, Lanxess Azoxystrobin Technical, 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-methoxyacrylate  
**CAS† Chemical Name:** methyl ( $\alpha$ *E*)-2-[[6-(2-cyanophenoxy)-4-pyrimidinyl]oxy]- $\alpha$  (methoxymethylene)benzeneacetate

\* International Union of Pure and Applied Chemistry

† Chemical Abstracts Service

Lanxess Azoxystrobin Technical has the following properties:

Property	Result
Colour and physical state	White solid powder
Nominal concentration	98.8 %
Odour	Odourless
Density	1.25 – 1.34 g/mL (20 °C)
Vapour pressure	1.91×10 <sup>-10</sup> mPa (20 °C) 17.67×10 <sup>-10</sup> mPa (25 °C)
pH	6.21
Solubility in water	7.2 mg/L (pH 7)

Property	Result
n-Octanol/water partition coefficient	log K <sub>ow</sub> = 2.44

The required chemistry data for Lanxess Azoxystrobin Technical have been provided, reviewed, and found to be acceptable.

### Value, Health and Environmental Assessments

Value, health and environmental assessments were not required for this submission.

### Conclusion

The Pest Management Regulatory Agency has completed an assessment of the information provided, and has found the information sufficient to support the registration of Lanxess Azoxystrobin Technical.

### References

PMRA Document Number	Reference
3170226	2020, Azoxystrobin Technical Product Chemistry Supplement to Support PMRA Registration, DACO: 2.1, 2.11.1, 2.11.2, 2.11.3, 2.11.4, 2.12.1, 2.2,2.3, 2.3.1, 2.4, 2.5, 2.6, 2.7, 2.8, 2.9 CBI
3170228	2014, Preliminary Analysis of Azoxystrobin TGAI, DACO: 2.13.1, 2.13.2, 2.13.3, 2.13.4, 2.4, 2.5, 2.6, 2.7, 2.8, 2.9 CBI
3170229	2014, Preliminary Analysis of Azoxystrobin TGAI - Confidential Attachment, DACO: 2.13.1, 2.13.2, 2.13.3, 2.13.4, 2.4, 2.5, 2.6, 2.7, 2.8, 2.9 CBI
3170230	2014, Validation of Analytical Methodology for the Assay of Active Ingredient and Significant Impurities in Azoxystrobin TGAI, DACO: 2.13.1, 2.13.4 CBI
3170231	2020, Preliminary Analysis and Validation of Analytical Methods of Azoxystrobin TGAI, DACO: 2.13.1, 2.13.3, 2.13.4 CBI
3170232	2020, Azoxystrobin Technical Supplement to the 5-Batch Analysis Report, DACO: 2.13.3, 2.2 CBI
3170233	2014, Chemical and Physical Characterization of Azoxystrobin TGAI: Color, Physical State, Odor, Stability, Oxidation/Reduction, pH, UV-Vis, Density and Dissociation Constant, DACO: 2.13.1, 2.14.1, 2.14.10, 2.14.12, 2.14.13, 2.14.15, 2.14.2, 2.14.3, 2.14.6, 2.16, 830.7000
3170234	2015, Determination of Storage Stability and Corrosion Characteristics Azoxystrobin TGAI, DACO: 2.14.14 CBI
3170235	2014, Chemical and Physical Characterization of Azoxystrobin TGAI: Melting Point, Partition Coefficient, Solubility, Vapor Pressure and Volatility, DACO: 2.14.11, 2.14.4, 2.14.7, 2.14.8, 2.14.9

3257858 2021, DACO 2.11.3 Detailed Production Process Description: Equipment & Procedures used to monitor reaction completion at each stage of production, DACO: 2.11.3 CBI

3257859 2014, Validation of Analytical Methodology for the Assay of Active Ingredient and Significant Impurities in Azoxystrobin TGA I, DACO: 2.13.1 CBI

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