

## Evaluation Report for Category B, Subcategory 1.1, 1.3 Application

**Application Number:** 2019-0203  
**Application:** Changes to Technical Grade Active Ingredient (TGAI) – Product Chemistry: New site, same registrant; Specifications  
**Product:** Albaugh Azoxystrobin TGAI  
**Registration Number:** 31722  
**Active ingredient (a.i.):** Azoxystrobin  
**PMRA Document Number:** 3102032

### Purpose of Application

The purpose of this application was to add a new manufacturing site to Albaugh Azoxystrobin TGAI, and to update the specifications for its existing source.

### Chemistry Assessment

**Common Name:** azoxystrobin  
**IUPAC\* Chemical Name:** methyl (2*E*)-2-{2-[6-(2-cyanophenoxy)pyrimidin-4-yloxy]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

### Albaugh Azoxystrobin TGAI has the following properties:

Property	Result
Colour and physical state	Oyster white solid
Nominal concentration	99%
Odour	Odourless
Density	1.2987 g/mL
Vapour pressure	$1.1 \times 10^{-7}$ mPa at 20 °C
pH	6.21
Solubility in water	6.7 mg/L at pH 7 (20 – 25 °C)

<b>Property</b>	<b>Result</b>
n-Octanol/water partition coefficient	Log K <sub>ow</sub> = 2.5

The required chemistry data for Albaugh Azoxystrobin TGAI 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 sufficient to add a new manufacturing site to Albaugh Azoxystrobin TGAI, and to update the specifications for its existing source.

## References

<b>PMRA Document No.</b>	<b>Reference</b>
2952493	2015, Product Identity and Composition Azoxystrobin TGAI [CBI-Removed], DACO: 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
2952496	2018, Product Identity and Composition Azoxystrobin TGAI [CBI-Removed], DACO: 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
2952498	2016, Preliminary Analysis, Enforcement Analytical Method & Qualitative & Quantitative Profile of test substance Azoxystrobin Technical [CBI-Removed], DACO: 2.13.1, 2.13.2, 2.13.3, 2.13.4 CBI
2952499	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
2952500	2014, Chemical and Physical Characterization of Azoxystrobin TGAI, DACO: 2.16
2952501	2014, Chemical and Physical Characterization of Azoxystrobin TGAI [CBI-Removed], DACO: 2.13.1, 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, 2.16,830.7000
2952502	2014, Preliminary Analysis of Azoxystrobin TGAI [CBI-Removed], DACO: 2.13.2, 2.13.3, 2.13.4 CBI
2952503	2015, Determination of Storage Stability and Corrosion Characteristics of Azoxystrobin TGAI [CBI-Removed], DACO: 2.14.14, 2.16
3079172	2020, Preliminary Analysis and Validation of Analytical Methods of Azoxystrobin TGAI, DACO: 2.13.1, 2.13.3, 2.13.4 CBI
3100255	2020, Azoxystrobin TGAI II Product Identity and Composition - Amended, DACO: 2.11.1, 2.11.2, 2.11.3, 2.11.4, 2.12.1 CBI

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