



## Evaluation Report for Category L, Subcategory 1.1 Application

**Application Number:** 2018-5447  
**Application:** Submissions subject to Protection of Proprietary Interests in Pesticide Data policy-Equivalency/Data Compensation Assessment  
**Product:** KQ Pyraclostrobin 98% Technical  
**Registration Number:** 33728  
**Active ingredient (a.i.):** Pyraclostrobin  
**PMRA Document Number:** 2943496

### Purpose of Application

The purpose of this application was to register a new technical-grade pyraclostrobin product, based on a registered precedent product.

### Chemistry Assessment

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

\* International Union of Pure and Applied Chemistry

† Chemical Abstracts Service

KQ Pyraclostrobin 98% Technical has the following properties:

Property	Result
Colour and physical state	Beige
Nominal concentration	98.6 %
Odour	Almond odour
Density	1.259 g/cm <sup>3</sup>
Vapour pressure	7.04 x 10 <sup>-5</sup> mPa at 20°C
pH	6.17 (1% w/v, 27.3°C)
Solubility in water	0.13-0.14 ppm at 20.1°C

Property	Result
n-Octanol/water partition coefficient	$\log K_{ow} = 3.99$

The required chemistry data for KQ Pyraclostrobin 98% 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 it sufficient to support the registration of KQ Pyraclostrobin 98% Technical.

## References

<b>PMRA Document Number</b>	<b>Reference</b>
2930657	2016, Determination of Active Content and Impurity Profile of Pyraclostrobin, DACO: 2.13 CBI
2930658	2017, DACO 2.14, DACO: 2.14 CBI
2948555	2018, Updated manufacturing process of #2018-5447, DACO: 2.11.3 CBI
2975227	2019, Dissociation constant for 2018-5447, DACO: 2.14.10
2975228	2019, UV/visible Absorption for 2018-5447, DACO: 2.14.12
3030809	2019, Explanation of manufacturing process and production dates, DACO: 2.11.3,2.13.3 CBI
3030810	2019, Explanation of methodology, DACO: 2.13.1 CBI
3030811	2019, Detection of [CBI Removed], DACO: 2.13.4 CBI
3045459	2019, Explanation of methodology for 2018-5447, DACO: 2.13.1 CBI

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