

## Evaluation Report for Category L, Subcategory 1.1 Application

**Application Number:** 2018-0397  
**Application:** Submission subject to PPIP (Protection of Propriety Interests in Pesticide Data) policy - Equivalency/ Data Compensation Assessment  
**Product:** ADAMA Quizalofop-P-ethyl Technical  
**Registration Number:** 33340  
**Active ingredient (a.i.):** Quizalofop-P-ethyl  
**PMRA Document Number:** 2917404

### Purpose of Application

The purpose of this application was to register ADAMA Quizalofop-P-ethyl Technical, a new source of the technical grade active ingredient quizalofop-P-ethyl by a new registrant based on a precedent.

### Chemistry Assessment

Common Name: ADAMA Quizalofop-P-ethyl Technical  
 IUPAC\* Chemical Name: Ethyl (2R)-2-[4-(6-chloroquinoxalin-2-loxy)phenoxy]propionate  
 CAS† Chemical Name: Ethyl (2R)-2-[4-[(6-chloro-2-quinoxalinyloxy)phenoxy]propanoate

\* International Union of Pure and Applied Chemistry

† Chemical Abstracts Service

ADAMA Quizalofop-P-ethyl Technical has the following properties:

Property	Result
Colour and physical state	Orange to brown solid
Nominal concentration	95.67%
Odour	Slight odour
Density	1.361 g/cm <sup>3</sup> (20°C)
Vapour pressure	6.1 × 10 <sup>-7</sup> Pa (20°C, extrapolated)
pH	6.3
Solubility in water	0.52 mg/L (20°C)

Property	Result
n-Octanol/water partition coefficient	logKow = 4.37

The required chemistry data for ADAMA Quizalofop-P-ethyl Technical have been provided, reviewed, and found to be acceptable.

### **Health, Value and Environmental Assessments**

Health, value and environmental 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 support the registration of ADAMA Quizalofop-P-ethyl Technical.

## References

<b>PMRA Document Number</b>	<b>Reference</b>
2844539	2017, Chemistry-2.1-2.3.1-ADAMA Quiz TGAI-24dec2017, DACO: 2.1,2.2,2.3,2.3.1
2844540	2017, Confirmation of Identity, DACO: 2.13.1,2.13.2,2.13.3,2.13.4 CBI
2844541	2017, (pH), DACO: 2.14.1,2.14.13,2.14.15,2.14.2,2.14.3,830.7000 CBI
2844542	2008, Dissociation Constant, DACO: 2.14.10 CBI
2844543	2016, Octanol/Water Partition Coefficient, DACO: 2.14.11 CBI
2844544	2008, UV/Visible Absorption Spectra, DACO: 2.14.12 CBI
2844545	2008, Quizalofop-P-ethyl Determination of melting point/melting range, boiling point/ boiling range, DACO: 2.14.4,2.14.5
2844546	2008, Density or Specific Gravity, DACO: 2.14.6 CBI
2844547	2016, Quizalofop-p-ethyl (pure): Determination of the Water Solubility, DACO: 2.14.7
2844548	2016, Solvent Solubility (mg/L), DACO: 2.14.8 CBI
2844549	2016, Vapour Pressure, DACO: 2.14.9 CBI
2844551	2018, Chemical Abstracts Registry Number, DACO: 2.11.1,2.11.2,2.11.3,2.11.4,2.12.1,2.4,2.5,2.6,2.7,2.8,2.9 CBI
2911750	2018, Detailed Production Process Description, DACO: 2.11.3 CBI

ISSN: 1911-8082

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