

## Evaluation Report for Category B, Subcategory 1.1 Application

**Application Number:** 2018-6242  
**Application:** New TGAI Product Chemistry, New Source Same Registrant  
**Product:** AC 900001 Technical Herbicide  
**Registration Number:** 27290  
**Active ingredient (a.i.):** Picolinafen  
**PMRA Document Number:** 3081640

### Purpose of Application

The purpose of this application was to add a new manufacturing site for the technical product, AC 900001 Technical Herbicide.

### Chemistry Assessment

Common Name: Picolinafen  
IUPAC\* Chemical Name: 4'-fluoro-6-( $\alpha,\alpha,\alpha$ -trifluoro-*m*-tolylloxy)pyridine-2-carboxanilide  
CAS† Chemical Name: *N*-(4-fluorophenyl)-6-[3-(trifluoromethyl)phenoxy]-2-pyridinecarboxamide

\* International Union of Pure and Applied Chemistry

† Chemical Abstracts Service

### AC 900001 Technical Herbicide has the following properties:

Property	Result
Colour and physical state	White solid
Nominal concentration	99.4%
Odour	Musty, phenolic
Density	1.42 g/mL
Vapour pressure	$10^{-4}$ mPa
pH	The product is a solid
Solubility in water	$3.9 \times 10^{-5}$ g/L
n-Octanol/water partition coefficient	$\log K_{ow} = 5.37$

The required chemistry data for AC 900001 Technical Herbicide 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 addition of the new manufacturing site for AC 900001 Technical Herbicide.

## References

<b>PMRA Document Number</b>	<b>Reference</b>
2938452	2018, Manufacturing Summary, DACO: 2.11.1 CBI
2938458	2017, Characterization of Five Batches of Technical Grade Active Ingredient "Picolinafen" [CBI Removed], DACO: 2.13.2,2.13.3 CBI
3075639	2020, BASF [CBI Removed] Product Chemistry [CBI Removed], DACO: 2.11.4,2.12,2.13.2 CBI

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