



## Evaluation Report for Category L, Subcategory 1.1 Application

**Application Number:** 2018-2084  
**Application:** Submissions subject to Protection of Proprietary Interests in Pesticide Data policy-Equivalency/Data Compensation Assessment  
**Product:** Xinan Glyphosate 96% Technical  
**Registration Number:** 33655  
**Active ingredient (a.i.):** Glyphosate  
**PMRA Document Number :** 2982247

### Purpose of Application

The purpose of this application was to register a new source of technical-grade glyphosate based on registered precedents.

### Chemistry Assessment

Common Name: Glyphosate  
IUPAC\* Chemical Name: *N*-(phosphonomethyl)glycine  
CAS† Chemical Name: *N*-(phosphonomethyl)glycine

\* International Union of Pure and Applied Chemistry

† Chemical Abstracts Service

Xinan Glyphosate 96% Technical has the following properties:

Property	Result
Colour and physical state	White crystalline powder
Nominal concentration	96.64%
Odour	Odourless
Density	0.834 g/cm <sup>3</sup>
Vapour pressure	1.31 x 10 <sup>-5</sup> Pa at 25°C
pH	1.85
Solubility in water	10.5 g/L (pH 1.9)
n-Octanol/water partition coefficient	Log K <sub>ow</sub> < -3.2

The required chemistry data for Xinan Glyphosate 96% 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 register Xinan Glyphosate 96% Technical.

## **References**

<b>PMRA No.</b>	<b>Title</b>
2886150	2018, Manufacturing method for Glyphosate, DACO: 2.11 CBI
2886158	2005, DACO 2.13.1, 2.13.2, 2.13.3, 2.13.4 Preliminary Analysis/5-batch Assay, DACO: 2.13.1,2.13.2,2.13.3,2.13.4 CBI
2886159	2005, Chemical and Physical Report, DACO: 2.14 CBI
2965630	2019, DACO: 2.11.4 CBI
2965632	[Privacy Removed], 2015, DACO: 2.13.3 CBI

ISSN: 1911-8082

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