



## Evaluation Report for Category B, Subcategory 1.2 Application

**Application Number:** 2016-4242  
**Application:** B.1.2 - New TGAI Prod Chemistry - New Source (Site), New Registrant  
**Product:** GH Glyphosate 98% Technical  
**Registration Number:** 33555  
**Active ingredients (a.i.):** Glyphosate  
**PMRA Document Number :** 2766857

### Purpose of Application

The purpose of this application was to register a new source of glyphosate by a new registrant.

### 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

GH Glyphosate 98% Technical has the following properties:

Property	Result
Colour and physical state	White solid
Nominal concentration	98.24%
Odour	Odourless
Bulk density	0.483 g/cm <sup>3</sup>
Vapour pressure at 25°C	<0.0005 Pa
pH	2.10 (1% solution)
Solubility in water at 25°C	14.0 mg/mL
n-Octanol/water partition coefficient at 20°C	Log K <sub>ow</sub> < -1.688

The required chemistry data for GH Glyphosate 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 PMRA has reviewed the information available for this application and has determined that registration of GH Glyphosate 98% Technical can be supported.

## References

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- 2666371 2016, DACO 2.11 Manufacturing methods for the glyphosate TGAI, DACO: 2.11 CBI
- 2666372 2009, DACO 2.13 Five Batches Analysis Report, DACO: 2.12.1,2.13.1,2.13.2, 2.13.3,2.13.4 CBI
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- 2743073 2015, new five batches analysis of sub no 2016-4242, DACO: 2.13 CBI
- 2758711 2017, Updated DACO 2.3, DACO: 2.3

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