



Evaluation Report for Category B, Subcategory 1.2 Application

Application Number: 2010-1407
Application: New Source of Technical Grade Active Ingredient by a New Registrant
Product: MEY Glyphosate SHANRG Technical
Registration Number: 30617
Active ingredients (a.i.): Glyphosate
PMRA Document Number: 2207267

Background

The source of glyphosate used to determine chemical equivalence was Registration Number 19535.

Purpose of Application

The purpose of this application was to register a new source of the active ingredient, glyphosate, by a different Registrant.

Chemistry Assessment

Common Name: Glyphosate
Chemical Name: *N*-(phosphonomethyl)glycine

MEY Glyphosate SHANRG Technical has the following properties:

Property	Result
Colour and Physical state	Colourless to white crystalline solid
Odour	Odourless
Density at 22°C	0.857 g/mL at 22 °C
Solubility in water	12 g/L
Vapour pressure	1.31×10^{-2} mPa.
pH	2.6-2.7 (1% sol)
Octanol/water partition coefficient	logP <-3.2 (pH 2-5, 20°C)

The chemistry requirements for MEY Glyphosate SHANRG Technical have been completed.

Health and Environmental Assessments

As the new source of glyphosate is chemically equivalent to the registered source, the health and environmental risk profiles are expected to be similar to that of the product used to determine chemical equivalence. No additional assessments were required.

Value Assessment

A value assessment is not required for technical grade active ingredient products.

Conclusion

The PMRA has completed an evaluation of the subject application and has determined that it can support the registration of MEY Glyphosate SHANRG Technical.

References

<u>PMRA Document Number</u>	<u>Reference</u>
1890507	2008, Purity Profile - Part 1 of 3, DACO: 2.13.3 CBI
1890508	2008, Purity Profile - Part 2 of 3, DACO: 2.13.3 CBI
1890509	2008, Purity Profile - Part 3 of 3, DACO: 2.13.3 CBI
1890510	Amendment to final report - 1 of 3, DACO: 2.13.3 CBI
1890511	Amendment to final report - 2 of 3, DACO: 2.13.3 CBI
1890512	Amendment to final report - 3 of 3, DACO: 2.13.3 CBI
1890519	2009, Process Description - Glycine Route, DACO: 2.1, 2.11.1, 2.11.2, 2.11.3, 2.11.4, 2.12.1, 2.13.1, 2.13.2, 2.13.4, 2.14.1, 2.14.10, 2.14.11, 2.14.12, 2.14.13, 2.14.14, 2.14.2, 2.14.3, 2.14.4, 2.14.5, 2.14.6, 2.14.7, 2.14.8, 2.14.9, 2.15, 2.2, 2.3, 2.3.1, 2.4, 2.5, 2.6, 2.7, 2.8, 2.9
2030840	Confirmation of Batch Dates, DACO: 2.13.3 CBI
2030841	NNG Summary Report, DACO: 2.13.1,2.13.3,2.13.4 CBI
2032472	NNG Summary Report, DACO: 2.13.1,2.13.3,2.13.4 CBI
2036260	NNG Summary Report, DACO: 2.13.1,2.13.3,2.13.4 CBI

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