

## Evaluation Report for Category B, Subcategory 1.1, 1.3 Application

**Application Number:** 2008-2984  
**Application:** B.1.1, 1.3: New TGAI – New Source Same Registrant, Specification  
**Product:** Cheminova Glyphosate Technical III  
**Registration Number:** 29530  
**Active ingredients (a.i.):** Glyphosate [GPS]  
**PMRA Document Number :** 1843303

### Purpose of Application

The purpose of this application was to register a new product, Cheminova Glyphosate Technical III, based on the registrant's own product, Glyphosate Technical, Reg. No. 24337. Cheminova Glyphosate Technical III is produced at a new manufacturing site from that of Glyphosate Technical.

### Chemistry Assessment

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

Cheminova Glyphosate Technical III has the following properties:

Property	Result
Colour and physical state	Colourless crystals
Nominal concentration	98.2%
Odour	Odourless
Density	1.655
Vapour pressure	$1.31 \times 10^{-2}$ mPa
pH	1.97
Solubility in water	10.5 g/L (pH 1.9)
n-Octanol/water partition coefficient	Log $K_{ow}$ < -3.2 (pH 2-5, 20°C)

The chemistry requirements for Cheminova Glyphosate Technical III have been completed.

## Health Assessments

The Cheminova Glyphosate Technical III produced at the new manufacturing site is considered to be similar to that of the currently registered product, Glyphosate Technical. Therefore, the toxicological profile is not expected to be significantly different and no toxicology data are required.

No new residue data for glyphosate were submitted in support of the registration of the new manufacturing site for this active ingredient. A review of the product label and specification form was conducted in the framework of this application. As this technical active ingredient is used to formulate registered end-use products within the existing use pattern, no changes in the magnitude of the residues in food and feed crops are expected from a food residue exposure point of view. Therefore, no increase in dietary exposure is anticipated.

## Environmental and Value Assessments

Environmental and value assessments were not required for this application.

## Conclusion

The PMRA has completed an assessment of data provided and has found the information sufficient to support the full registration of Cheminova Glyphosate Technical III.

## References

- 1623665 Chemistry Requirements for the Registration of Technical Grade Active Ingredient (TGAI) or Integrated System Products: Product Identification, DACO: 0.1.6005, 2.1, 2.2, 2.3, 2.3.1, 2.4, 2.5, 2.6, 2.7, 2.8, 2.9, 2.11.1, 2.11.2, 2.11.3, 2.11.4, 2.12.1, 2.13.2 CBI
- 1623667 Determination of Glyphosate (CAS No. 1071-83-6) in Glyphosate Technical, Glyphosate Concentrate and Glyphosate SL and SG Formulations, DACO: 2.13.1 CBI
- 1623668 Determination of CER 059 in Glyphosate Technical, DACO: 2.13.1 CBI
- 1623669 Determination of [CBI Removed] in Glyphosate Technical, Glyphosate Concentrate, Glyphosate SL Formulations and SG Formulation, DACO: 2.13.1 CBI
- 1623670 Determination of REF 060 and REF 064 in Technical Glyphosate, DACO: 2.13.1 CBI
- 1623671 Determination of Water in Technical Pesticide or its Formulations, DACO: 2.13.1 CBI
- 1623672 Determination of REF 054, REF 103, REF 067 and REF 066 in Glyphosate Technical, DACO: 2.13.1 CBI
- 1623673 Determination of REF 026 in Glyphosate Technical (Wet Cake), Glyphosate Concentrate, Glyphosate SL Formulations and Glyphosate SG Formulation, DACO: 2.13.1 CBI
- 1623674 Validation of Analytical Method VAM 002-04 for Determination of Glyphosate (CAS No. 1071-83-6) in Glyphosate Technical, Glyphosate Concentrate and

- Glyphosate Formulations, DACO: 2.13.1 CBI
- 1623675 Amendment No. 1, DACO: 2.13.1 CBI
- 1623676 Amendment No. 2, DACO: 2.13.1 CBI
- 1623677 Validation of Analytical Method VAM 015-02 for Determination of CER 059 in Glyphosate Technical, DACO: 2.13.1 CBI
- 1623678 Validation of Analytical Method VAM 016-03 for Determination of [CBI Removed] in Glyphosate Technical, Glyphosate Concentrate and Glyphosate SL Formulations, DACO: 2.13.1 CBI
- 1623679 Amendment No. 1, DACO: 2.13.1 CBI
- 1623680 Validation of Analytical Method VAM 018-02 for Determination of REF 060 and REF 064 in Glyphosate Technical, DACO: 2.13.1 CBI
- 1623681 Validation of Analytical Method VAM 022-02 for Determination of Water in Technical Pesticide or its Formulations, DACO: 2.13.1 CBI
- 1623682 Amendment No. 1, DACO: 2.13.1 CBI
- 1623683 Amendment No. 2, DACO: 2.13.1 CBI
- 1623684 Amendment No. 3, DACO: 2.13.1 CBI
- 1623685 Amendment No. 4, DACO: 2.13.1 CBI
- 1623686 Validation of Analytical Method VAM 032-02 for Determination of REF 054, REF 103, REF 067 and REF 066 in Glyphosate Technical, DACO: 2.13.1 CBI
- 1623688 Validation of Analytical Method VAM 035-03 for Determination of [CBI Removed] in Glyphosate Technical, Glyphosate Concentrate, Glyphosate SL Formulations and Glyphosate SG Formulation, DACO: 2.13.1 CBI
- 1623689 Amendment No. 1, DACO: 2.13.1 CBI
- 1623690 Amendment No. 2, DACO: 2.13.1 CBI
- 1623691 Amendment No. 3, DACO: 2.13.1 CBI
- 1623692 Amendment No. 4, DACO: 2.13.1 CBI
- 1623693 Amendment No. 5, DACO: 2.13.1 CBI
- 1623694 Identification and Determination of Active Ingredient Glyphosate (CAS No. 1071-83-6) and Impurities in Five Samples of Glyphosate Technical, Batch Nos.: 200707001, 200707030, 200707038, 200707069 and 200708032, DACO: 2.13.3 CBI

ISSN: 1911-8082

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