

## Evaluation Report for Category B, Subcategory B.2.1 Application

**Application Number:** 2011-5887  
**Application:** Changes to the Manufacturing Concentrate - Guarantee  
**Product:** Glufosinate Ammonium Manufacturing Concentrate Herbicide  
**Registration Number:** 23184  
**Active ingredients (a.i.):** Glufosinate Ammonium  
**PMRA Document Number :** 2209173

### Purpose of Application

The purpose of this application was to register an alternate manufacturing site for Glufosinate Ammonium Manufacturing Concentrate Herbicide (registration number 23184). The technical product, Glufosinate Ammonium Technical Herbicide was reviewed concurrently (application number 2011-5343: registration number 23178).

### Chemistry Assessment

Glufosinate Ammonium Manufacturing Concentrate Herbicide is a solution containing the active ingredient glufosinate ammonium at a nominal concentration of 50 %. This product has a density of 1.2 kg/L and a pH of  $6.0 \pm 1$  (5% w/v). The chemistry requirements for Glufosinate Ammonium Manufacturing Concentrate Herbicide are complete.

### Health Assessments

The new source of Glufosinate Ammonium Manufacturing Concentrate Herbicide results in a product chemically equivalent to that of the previously registered source. As such, no new toxicological data were submitted or are required.

### Environmental and Value Assessments

Environmental and value assessments were not required for this application.

### Conclusion

Following review of all the available information, the application to add a new site of manufacture for Glufosinate Ammonium Manufacturing Concentrate Herbicide was approved.

### References

<b>PMRA Reference Number</b>	<b>Reference</b>
2124791	2008, Glufosinate-ammonium Technical material manufacturing process - Description of Materials Used to Produce the Product and Description of Production Process, DACO: 2.11.1,2.11.2,2.11.3 CBI.
2124792	2008, Glufosinate-ammonium technical Material Discussion of the Formation of Impurities in Glufosinate-ammonium Technical, DACO: 2.11.4 CBI.
2124794	2008, Validation of the analytical method AM021208FP1 for glufosinate ammonium technical grade and pure active substance and technical concentrate, DACO: 2.13.1 CBI.
2124795	2008, Validation of the analytical method AM021108FP1 for glufosinate ammonium technical, DACO: 2.13.1 CBI.
2124796	2008, Validation of -method AM020708FP1 Determination of AE F039866 (Glufosinate-ammonium) in technical concentrate, technical grade and pure active substance, DACO: 2.13.1 CBI.
2124798	2008, Validation of IC - Method AM020808FP1 in AE F039866 (Glufosinate-Ammonium) Technical Materials and Technical Concentrates, DACO: 2.13.1 CBI.
2124799	2008, Validation of the analytical method AM021308FP1 for technical grade glufosinate ammonium, in pure active substance and in technical concentrate, CBI.
2124800	2008, Validation of GC-method AM019408FP1 in AE F039866 technical materials, AE F039866 technical concentrates and pure AE F039866, DACO: 2.13.1 CBI.

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