



Canadian Agri Products(USA) Corp.

Chemicals to Trade, Experience to Remember

## PRODUCT SPECIFICATION

Product (Specs) # <b>13103</b>	Version number: <b>V.101</b>	Issued Date: December-01-2009
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### Maple Magnesium Sulphate Monohydrate 17%Mg

#### TYPICAL CHEMICAL ANALYSIS

ITEMS	UNIT	SPECIFICATIONS	TYPICAL ANALYSIS	METHODS
Magnesium (Mg)	%, minimum	17.2	17.4	Titration (HG 2933-2000)
MgSO <sub>4</sub> .H <sub>2</sub> O	%, minimum	98.0	99.1	Titration (HG 2933-2000)
*Sulfur (S)	%, minimum	22.7	22.95	*Calculation
Water insoluble matter	%, maximum	0.1	0.02	HG/T 2680-1995
Lead (Pb)	mg/kg, maximum	20	4	AAS
Arsenic (As)	mg/kg, maximum	5	1	AFS
Iron (Fe)	mg/kg, maximum	20	6	HG/T 2680-1995
Cadmium (Cd)	mg/kg, maximum	5	1	AAS

#### REMARKS:

- 1) \*Sulfur (S) result is to be calculated on the basis of the purity of magnesium Sulphate Monohydrate.
- 2) **HG 2933-2000**: China Chemical Industry Standard **HG 2933-2000 Feed Grade Magnesium Sulphate**.
- 3) **HG/T 2680-1995**: China Chemical Industry Recommendation **HG/T 2680-1995 Magnesium Sulphate for Industrial Use**
- 4) The standards/methods cited are for reference only. In practice, we may choose the standards/methods that are deemed to be more appropriate.

#### OTHER TYPICAL PROPERTIES

Appearance.....White or grayish-white powder                      Screen Analysis..... > 95% -60 mesh (250µm) sieve

#### POSSIBLE APPLICATIONS/USES

Animal Feeds, Fertilizers, tanning, printing and dying, paper and plastic making, etc.

#### PACKAGING

Standard..... Net 25kg plastic woven bags with inner liner    Options....Net 50lb, 2000lb, 1000kg, 1100kg and 1200kg bags.

#### OTHER INFORMATION

Molecular Formula.....MgSO<sub>4</sub> ·H<sub>2</sub>O                      CAS #.....14168-73-1 (Monohydrate)  
Molecular Weight.....138.37                      EINECS #..... 231-298-2

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