



Canadian Agri Products(USA) Corp.

Chemicals to Trade, Experience to Remember

PRODUCT SPECIFICATION

Product (Specs) # 13102	Version number: V.101	Issued Date: December-01-2009
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Maple Magnesium Sulphate Heptahydrate 9.8%Mg

TYPICAL CHEMICAL ANALYSIS

ITEMS	UNIT	SPECIFICATION	METHODS
Purity as MgSO ₄ .7H ₂ O	%, minimum	99.5	HG/T 2680-1995
Purity as Magnesium (Mg)	%, minimum	9.8	HG/T 2680-1995
*Sulfur (S)	%, minimum	12.9	* Calculation
Water insoluble matter	%, maximum	0.05	HG/T 2680-1995
Lead (Pb)	%, maximum	0.001	AAS
Arsenic (As)	%, maximum	0.0005	AFS
Cadmium (Cd)	%, maximum	0.0005	AAS
Mercury (Hg)	%, maximum	0.00001	AFS

REMARKS:

- 1) **HG/T 2680-1995**: China Chemical Industry Recommendation **HG/T 2680-1995 Magnesium Sulphate for Industrial Use**
- 2) ***Sulfur (S)** analysis result is to be calculated on the basis of the purity of magnesium sulphate Heptahydrate.
- 3) **AAS**: Atomic Absorption Spectrometry
- 4) **AFS**: Atomic Fluorescence Spectrometry
- 5) 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 transparent crystals	Particle Sizes (>90%):	1) Mini Crystal.....0.1-1.0mm
pH Value (5% solution).....5.0-9.0		2) Medium Crystal.....0.2-3.0mm
		3) Maxi Crystal.....1.0-4.0mm
		4) Extra Big.....2.0-5.0mm

PACKAGING

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

OTHER INFORMATION

Molecular Formula MgSO₄.7H₂O CAS #.....10034-99-8 (Heptahydrate)
Molecular Weight.....246.48 EINECS#.....231-298-2

Disclaimer: The information or suggestions given here are believed to be reliable but are not to be construed as a warranty or representation for which we assume legal responsibility. It is users'/buyers' responsibility to determine the suitability for their own particular purpose and be solely responsible for any loss arising from the use of such information or suggestions. CANADIAN AGRICULTURAL PRODUCTS INC. shall be in no way responsible for the proper use of the product.



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