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PRODUCT SPECIFICATION

Product (Specs) # 00502	Version number: V.02	Issued Date: December 28, 2012
Effective Date: December 31, 2012	Prepared by: QS Dept	Authorized by: General Manager

Zinc Sulfate Heptahydrate 21%Zn

TYPICAL CHEMICAL ANALYSIS

ITEMS	UNIT	GUARANTEE	TYPICAL/ACTUAL	METHODS
Zinc (Zn):	%, min.	21.0	21.8	Titration
*Sulfur (S):	%, min.	10.5	10.7	* Calculation
Lead (Pb):	mg/kg (ppm), max.	50	< 10	AAS
Arsenic (As):	mg/kg (ppm), max.	20	< 5	AFS/Ag(DDTC)-SP
Cadmium (Cd):	mg/kg (ppm), max.	20	< 10	AAS

REMARKS:

- 1) *Sulfur (**S**) result is to be calculated on the basis of the purity of Zinc Sulfate Heptahydrate.
- 2) **Zn, S, Pb, As** and **Cd** are analyzed for each batch/lot and shown on each CoA.
- 3) 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

AppearanceWhite or transparent crystals pH Value.....3.0-5.0

PACKAGING

Standard.....Net 25kg plastic woven bags with inner liner Options.....Net 50lb, 2000lb, 1000kg, 1050kg, 1250kg bags.

POSSIBLE APPLICATIONS

Fertilizer, water treatment, zinc salts, pesticides, mining, etc.

OTHER INFORMATION

Molecular Formula..... $ZnSO_4 \cdot 7H_2O$ CAS #.....7446-20-0 (Heptahydrate)
Molecular Weight.....287.56 EINECS #.....231-793-3

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. KIRNS CHEMICAL LTD. shall be in no way responsible for the proper use of the product.

