

High Purity Manganese Sulfate monohydrate

Name: High Purity Manganese Sulfate monohydrate

CAS: 10034-96-5

Packaging: 25kg paper Bag

Features of Product

MnSO₄·H₂O is one of the most important base materials for the precursor of NCM cathode material. Based on our accumulated know-how and trust from the customers, we have set up a product line with a capacity of over 5000 mt/y. The truly original technique makes the controlling of impurity contents of Na,K,Ca,Mg first class in the world. The typical value can be less than 50ppm. We are also able to make the contents of the impurities to the customer's requirements.

Main Purpose: Mainly for precursor of NCM cathode material which is used to product lithium-ion battery

Physical & Chemical Properties

Chemical Formula	Molecular Weight	Color	Shape
MnSO ₄ ·H ₂ O	168.94	Light Pink	Powder

Specifications

Item	Specification		
	LSM-A	LSM-B	LSM-C

上海办 Shanghai Office

上海市浦东新区牡丹路 89 弄 4 号 602 室
R602,4#,89Nong, Mudan Road Pudong
Shanghai, China
Tel: 0086 21 6845 1592
Fax: 0086 21 6845 0923

...www.mintchem.com...

长沙办 Changsha Office

长沙市劳动西路 108 号长沙市化工研究所 HX 楼 707 室
HX707 ,108# Laodong Road West Changsha,
Hunan,China
Tel: 0086 731 85518147 8551 8261
Fax: 0086 731 5518 167/ 5530 767

Mn(%) $\geq$	32.0	32.0	31.8
Fe(ppm) $\leq$	10	10	10
Zn(ppm) $\leq$	10	10	10
Cu(ppm) $\leq$	10	10	10
Pb(ppm) $\leq$	10	10	10
Cd(ppm) $\leq$	5	5	5
K(ppm) $\leq$	50	100	300
Na(ppm) $\leq$	50	100	300
Ca(ppm) $\leq$	50	100	300
Mg(ppm) $\leq$	50	100	300
Water insoluble(ppm) $\leq$	100	100	200
pH	4.5-6.5	4.5-6.5	4.5-6.5
Size	100%-60mesh	100%-60mesh	100%-60mesh

Package: 25kg/bag

Storage & Transport: Tightly sealed, store in a cool, dry place

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