



The Worldwide Resource...

# THE BTTCO OVERSEAS

A GOVT. OF INDIA RECOGNIZED \*STAR EXPORT HOUSE\*  
A D&B CERTIFIED COMPANY - DUNS NUMBER: 87-229-6440

## Certificate of Analysis

### Magnesium Chloride Hexahydrate Flakes

**Product Name** : Magnesium Chloride Hexahydrate Flakes  
**Remarks** : Our material confirms to the below specification  
**CAS No** : 7791-18-6  
**HS Code** : 28273100  
**Expiry Date** : 2 Year from Mfg. Date

Test Name	Minimum	Maximum
Appearance	White to off white	White to off white
Magnesium Chloride (as MgCl <sub>2</sub> 6H <sub>2</sub> O), Percent by mass	98	99
Magnesium Chloride (as MgCl <sub>2</sub> ), Percent by mass	46	47.1
Matter insoluble in water, Percent by mass	0.01	0.01
Sulphur, Percent by mass	0.3	0.5
MgSO <sub>4</sub> , Percent by mass	0.5	1.5
Calcium (as Ca), Percent by mass	0.01	<0.02
Iron (as Fe), PPM	10	<30
Heavy metals (as Pb), PPM	<1.0	<2.0
Boron (as B), PPM	<33.562	<50.0
Nickel, PPM	<5.0	<10.0
Arsenic, PPM	NIL	NIL
Acidity (as HCl), Percent by mass	Passes Test	Passes Test
Alkali Chloride (as NaCl), Percent by mass	<0.5	<1.0
Potassium, Percent by mass	<0.3	<0.5
Ammonium Salts (as N)	<0.005	<0.006

Packing Standard - 25 Kg White PP Laminated Woven Bags