

## Technical Data Sheet

### **M** Solubles – Magnesium Sulphate



Generic name:	Magnesium Sulphate (GRADE A)
IUPAC name:	Magnesium sulfate
CAS:	7487-88-9
Quality	High quality and high purity grade 99,8%
Form:	Crystal
Origin:	China
Additional:	REACH certification*

Item	Specification	Typical result %
Appearance	White crystal	White crystal
MgSO <sub>4</sub> .7H <sub>2</sub> O ≥ %	99.5	99.8
MgSO <sub>4</sub> ≥ %	48.35	48.63
MgO ≥ %	16.2	16.34
Mg ≥ %	9.8	9.86
S ≥ %	12.9	13.0
Chloride(Cl) ≤ %	0.1	0.03
Iron(Fe) ≤ %	0.001	0.0006
Insolubel in the water ≤ %	0.01	0.01
pH	6-8	6
Moisture content %	1.5	1.5
Particle Size (mm) %	0.1-1	0.1-1

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<b>Heavy Metals Analysis</b>		
Cadmium (Cd) ≤	1mg/kg	1mg/kg
Mercury (Hg) ≤	1mg/kg	1mg/kg
Lead (Pb) ≤	1mg/kg	1mg/kg
Arsenic (As) ≤	1mg/kg	1mg/kg

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*\*REACH is a system for Registration, Evaluation and Authorization and Restriction of Chemical substances that are produced or imported in the European Union. adopted to improve the protection of human health and the environment from the risks that can be posed by chemicals, The regulations (Regulation No. 1907/2006) on this date from 18 December 2006, and entered into force from 1 June 2007.*