



LEONID CHEMICALS PVT. LTD.

FINE CHEMICAL

Department: Quality Control Document No: LCPL/QSD/QAD/11 SOP No.: DB/SOP/QC/11-M067

SPECIFICATION : MAGNESIUM SULPHATE HEPTAHYDRATE AR

Issue date	16/04/2018	Review date	15/04/2023	Location	All Units
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PRODUCT DETAILS

1	Molecular Formula	MgSO ₄ .7H ₂ O
2	Product code	M004
3	Molecular weight	246.47
4	CAS No	10034-99-8
5	Risk Statement No	--
6	Safety Statement No	--
7	UN No.	--



PACKING DETAILS

	Product code	Pack size
1	M00410	500 g
2	M00413	5.0 Kg

PRODUCT SPECIFICATION

SL. No.	TEST PARAMETERS	LIMITS
1	Description	White crystalline powder.
2	Assay	Not less than 99.5%
3	Insoluble matter	Not more than 0.003%
4	Acidity (H ₂ SO ₄)	Not more than 0.0025%
5	Alkalinity (MgO)	Not more than 0.001%
6	Chloride	Not more than 0.0002%
7	Arsenic (As)	Not more than 0.00004%
8	Iron(Fe)	Not more than 0.0001%
9	Heavy metals (as Pb)	Not more than 0.0005%
10	Zinc (Zn)	Not more than 0.0005%
11	Copper (Cu)	Not more than 0.0002%
12	Nitrate (NO ₃)	Not more than 0.001%
13	Phosphate (PO ₄)	Not more than 0.0005%
14	Ammonium (NH ₄)	Not more than 0.002%
15	Lead (Pb)	Not more than 0.0002%
16	Magnesium (Mn)	Not more than 0.0005%
17	Potassium (K)	Not more than 0.005%
18	Sodium (Na)	Not more than 0.005%

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SAFETY SYMBOLS



Health hazard



Toxic