

LANGFANG NABO CHEMICAL TECHNOLOGY CO., LTD

Certificate of analysis

No. NBCOA20210411-02

English name	Magnesium sulfate heptahydrate		
Molecular formula	MgSO ₄ · 7H ₂ O	Molar weight	246.47
Sample source	NABOCHEM	Lot number	20210411
Appearance	White crystalline		
Sampling date	Apr 12,2021	Report date	Apr 14,2021
Test items	Test standards	Test results	
Assay(MgSO ₄ · 7H ₂ O) /%	≥99.0	99.7	
pH(50g/L,25℃)	5.0-8.0	6.2	
Clarity of solution	Passes test	Pass	
Water insoluble /%	≤0.005	0.003	
Chloride(Cl) /%	≤0.000 5	0.000 4	
Arsenic(As) /%	≤0.000 1	Not detected	
Sodium(Na) /%	≤0.005	0.002	
Calcium(Ca) /%	≤0.02	0.01	
Manganese(Mn) /%	≤0.001	0.000 6	
Iron(Fe) /%	≤0.000 5	0.000 3	
Heavy metal(as Pb) /%	≤0.000 5	0.000 1	
Conclusion: Up to grade	Analyst: Chen S.Q.	Responsible person: Ma Z.X.	
Remarks: AR			