



## CERTIFICATE OF ANALYSIS

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Product	Magnesium Sulfate Heptahydrate
Grade	Biotech
Product Code	MRB0329
Formula	MgSO <sub>4</sub> ·7H <sub>2</sub> O
MW	246.48
CAS#	10034-99-8
Lot No	

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Test Items	Specifications	Results
Assay	≥99%	
PH of 5% solution	5.0-8.2 @ 25°C	
Insoluble Matter	≤0.005%	
Chloride (Cl)	≤5 ppm	
Nitrate (NO <sub>3</sub> )	≤0.002%	
Ammonium (NH <sub>4</sub> )	≤0.002%	
Calcium (Ca)	≤0.02%	
Manganese (Mn)	≤5ppm	
Potassium (K)	≤0.005%	
Sodium (Na)	≤0.01%	
Strontium (Sr)	≤0.005%	
Heavy Metals (as Pb)	≤10ppm	
Iron (Fe)	≤5ppm	

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Storage: 18~25°C.