



CERTIFICATE OF ANALYSIS

Product	Magnesium acetate, tetrahydrate
Grade	Biotech
Product Code	MB0326
Formula	$(\text{CH}_3\text{COO})_2\text{Mg}\cdot 4\text{H}_2\text{O}$
MW	214.45
CAS#	16674-78-5
Lot No	

Test Items	Specifications	Results
Appearance	Colorless Deliquescent Solid	
Clarity of solution (10%)	Clear and colorless	
Assay(Maximum Allowable)	98.0%-102.0% $(\text{CH}_3\text{COO})_2\text{Mg}\ 4\text{H}_2\text{O}$	
Insoluble matter	$\leq 0.005\%$	
Sulfate (SO_4)	$\leq 0.005\%$	
Barium (Ba)	$\leq 0.001\%$	
Chloride (Cl)	$\leq 0.001\%$	
Iron (Fe)	$\leq 5\text{ppm}$	
Calcium (Ca)	$\leq 0.01\%$	
Manganese (Mn)	$\leq 0.001\%$	
Potassium (K)	$\leq 0.005\%$	
Sodium (Na)	$\leq 0.005\%$	
Strontium (sr)	$\leq 0.005\%$	
Heavy metal (as Pb)	$\leq 5\text{ppm}$	
Solubility(1M in H_2O)	Clear, complete	

Storage: Store at room temperature. Preferable below 30°C.