

## Certificate of Quality

**Product Name:** Magnesium Sulfate, Heptahydrate

Product Code: A3304 CAS #: 10034-99-8  
Grade: ACS Formula:  $\text{MgSO}_4 \times 7\text{H}_2\text{O}$   
Appearance: White powder MW: 246.48  
Reassay Date: 3 years after shipping date Lot#: See product label  
Storage: Store at room temperature. Protect from moisture.

TEST	SPECIFICATION	RESULT
Purity	98%-102%	Passes
Insolubles	$\leq 0.005\%$	Passes
Ammonium	$\leq 0.002\%$	Passes
Calcium	$\leq 0.02\%$	Passes
Chloride	$\leq 0.0005\%$	Passes
Iron	$\leq 0.0005\%$	Passes
Manganese	$\leq 0.0005\%$	Passes
Nitrate	$\leq 0.002\%$	Passes
Potassium	$\leq 0.005\%$	Passes
Sodium	$\leq 0.005\%$	Passes
Heavy Metals (as Pb)	$\leq 0.0005\%$	Passes

Data Verified by M. He. Verification Date: 2020-01-06

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