



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-203130A
Lot Number: SAMPLE
Product Name: Manganese(II) sulfate monohydrate
CAS Number: 10034-96-5
Molecular Formula: $\text{MnSO}_4 \cdot \text{H}_2\text{O}$
Molecular Weight: 169.02

Test	Specification	Result
Appearance	White to pale pink powder	Complies
Purity (Titration)	98.0 - 101.0% (EDTA Titration)	99.15%
Heavy Metals (Pb)	$\leq 0.002\%$	0.001%
Insoluble Matter	$\leq 0.01\%$	0.002%
Loss on Ignition	10.0 - 12.0%	11.8%
Calcium	$\leq 0.005\%$	0.001%
Chloride	$\leq 0.005\%$	$< 0.005\%$
Iron	$\leq 0.002\%$	0.002%
Magnesium	$\leq 0.005\%$	0.004%
Nickel	$\leq 0.02\%$	0.001%
Potassium	$\leq 0.01\%$	0.003%
Sodium	$\leq 0.05\%$	$< 0.002\%$
Zinc	$\leq 0.005\%$	0.0006%

Satisfaction Guarantee: We appreciate your business and are committed to providing the highest level of quality and service. Any product that does not meet the performance standards indicated in our product literature will be replaced at no charge. Our policy is valid for one year from the date of your purchase.

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