



The Power to Question

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-207841  
Lot Number: SAMPLE  
Product Name: Manganese Chloride Tetrahydrate  
CAS Number: 13446-34-9  
Molecular Formula:  $\text{MnCl}_2 \cdot 4\text{H}_2\text{O}$   
Molecular Weight: 197.90

Test	Result
Appearance	Pink crystals
Purity (Titration)	99.6%
Melting Point	~58 °C
pH	5.0 (5% solution at 25 °C)
Solubility	150 g in 100 mL water at 20 °C
Heavy Metals (Pb)	< 1 ppm
Insoluble Matter	< 0.001%
Calcium	< 0.0001%
Iron	< 1 ppm
Magnesium	0.0004%
Potassium	< 0.0001%
Sodium	0.0002%
Sulfate	< 0.001%
Zinc	0.0004%

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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