



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-203327
Lot Number: SAMPLE
Product Name: Citric Acid Monohydrate
CAS Number: 5949-29-1
Molecular Formula: $C_6H_8O_7 \cdot H_2O$
Molecular Weight: 210.14

Test	Result
Appearance	White crystalline powder
Identification	Complies
Purity (Titration)	100.43%
Melting Point	~ 100°C
Residue after Ignition	0.0094%
Solubility	165 g in 100 mL water at 20 °C
Insoluble Matter	0.003%
Chloride	< 0.001%
Iron	< 3 ppm
Lead	< 2 ppm
Oxalate	Complies
Phosphate	< 0.001%
Substances Carbonizable by Hot Sulfuric Acid	Complies
Sulfate	< 0.002%

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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