



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-215194
Lot Number: SAMPLE
Product Name: Iron(III) citrate tribasic monohydrate
CAS Number: 2338-05-8
Molecular Formula: $C_6H_5FeO_7 \cdot H_2O$
Molecular Weight: 262.96

Test	Specification	Result
Appearance	Red-brown to deep red-brown fine crystals to crystals	Deep red-brown crystals
Trace metal analysis	Corresponds to requirements	Complies
Titration	18.0 - 20.0% (redox titration, iodometric)	19.0%
Cadmium	≤ 50 mg/kg (ICP)	< 50 mg/kg
Calcium (ICP)	≤ 100 mg/kg	< 100 mg/kg
Chloride	≤ 500 mg/kg	< 500 mg/kg
Cobalt	≤ 50 mg/kg (ICP)	< 50 mg/kg
Copper	≤ 50 mg/kg (ICP)	< 50 mg/kg
Lead (ICP)	≤ 50 mg/kg	< 50 mg/kg
Nickel	≤ 100 mg/kg (ICP)	< 100 mg/kg
Potassium (ICP)	≤ 500 mg/kg	< 500 mg/kg
Sodium (ICP)	≤ 200 mg/kg	< 200 mg/kg
Zinc	≤ 50 mg/kg (ICP)	< 50 mg/kg

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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