



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-211505
Lot Number: SAMPLE
Product Name: Ferrous Sulfate (Iron II Sulfate) Heptahydrate
CAS Number: 7782-63-0
Molecular Formula: $\text{FeSO}_4 \cdot 7\text{H}_2\text{O}$
Molecular Weight: 278.01

Test	Specification	Result
Appearance	Light green crystalline powder or bluish-green crystals	Bluish-green crystals
Identification		Complies
Purity (Titration)	99.5% - 104.5%	101.30%
pH	3.0 - 4.0	3.14
Arsenic	$\leq 0.0003\%$	$< 0.0003\%$
Chloride	$\leq 0.02\%$	$< 0.02\%$
Chromium	$\leq 0.005\%$	$< 0.005\%$
Copper	$\leq 0.005\%$	$< 0.005\%$
Iron	$\leq 0.3\%$ (III)	$< 0.3\%$
Lead	$\leq 0.001\%$	$< 0.001\%$
Manganese	$\leq 0.1\%$	$< 0.1\%$
Mercury	$\leq 0.0003\%$	$< 0.0003\%$
Nickel	$\leq 0.005\%$	$< 0.005\%$
Zinc	$\leq 0.005\%$	$< 0.005\%$

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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