



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-257621
Lot Number: SAMPLE
Product Name: Iron(II) D-gluconate dihydrate
CAS Number: 22830-45-1
Molecular Formula: $C_{12}H_{22}FeO_{14} \cdot 2H_2O$
Molecular Weight: 482.17

Test	Specification	Result
Appearance	Tan powder	Complies
Identification (Infrared Spectrum)		Consistent with structure
Optical Rotation	$+6.7 \pm 3^\circ$ (c = 1%, water)	$+6.7^\circ$
Iron	$\geq 11.3\%$ (with sodium thiosulfate, titration)	11.9%

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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