



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-253759
Lot Number: SAMPLE
Product Name: Triirondodecacarbonyl
CAS Number: 17685-52-8
Molecular Formula: $\text{Fe}_3(\text{CO})_{12}$
Molecular Weight: 503.66

Test	Specification	Result
Appearance	Purple to black powder	Black powder
Identification (Infrared Spectrum)	Consistent with structure	Complies
Purity (Titration)	Iron: $\geq 28.3\%$ Iron by $\text{Na}_2\text{S}_2\text{O}_3$	33.5%
Loss on Drying	$\leq 10.5\%$ Room temperature, 2 Hours	6.0%

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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