



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-228248
Lot Number: SAMPLE
Product Name: Germanium(II) sulfide
CAS Number: 12025-32-0
Molecular Formula: GeS
Molecular Weight: 104.71

Test	Specification	Result
Appearance	Light brown to dark brown and light red to dark red and light grey to black powder or solid or chunks	Dark grey powder
Purity (Trace Metal Analysis)	99.99%	Complies
Gravimetric Analysis	Ge: 67.6 - 71.1 %	68.3%
Trace metal analysis	≤ 200.0 ppm	36.4 ppm
X-Ray Powder Diffraction	Consistent with structure	Complies
Aluminum		2.2 ppm
Barium		0.1 ppm
Calcium		26.4 ppm
Iron		4.3 ppm
Magnesium		0.5 ppm
Sodium		2.5 ppm
Titanium		0.4 ppm

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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