



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-228830
Lot Number: SAMPLE
Product Name: Nickel sulfide
CAS Number: 12035-72-2
Molecular Formula: Ni_3S_2
Molecular Weight: 240.21

Test	Specification	Result
Appearance (Color)	Grey to grey-green or dark grey	Dark grey
Appearance (Form)	Powder	Complies
Purity	99.7% (Based on Trace Metals Analysis)	Complies
Gravimetric Analysis	$\geq 64.6\%$ (Nickel With Dimethylglyoxime)	68.6% (Nickel With Dimethylglyoxime)
Trace metal analysis	≤ 4000.0 ppm	957.8 ppm
X-Ray Powder Diffraction	Consistent with structure	Complies
Aluminum		35.3 ppm
Barium		0.3 ppm
Boron		1.2 ppm
Calcium		32.6 ppm
Chromium		0.7 ppm
Cobalt		268.9 ppm
Copper		18.4 ppm
Iron		50.2 ppm
Lead		59.0 ppm
Magnesium		121.9 ppm
Manganese		286.8 ppm
Nickel		Complies
Sodium		7.5 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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Sulfur Compounds	Complies
Titanium	2.2 ppm
Vanadium	4.5 ppm
Zinc	63.1 ppm

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