



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-228102
Lot Number: SAMPLE
Product Name: Europium(II) chloride
CAS Number: 13769-20-5
Molecular Formula: EuCl_2
Molecular Weight: 222.87

Test	Specification	Result
Appearance	White powder or chunks	White powder
Identification (ICP)	Confirms Europium Component	Complies
Purity (Rare Earth Analysis)		99.99%
Trace Rare Earth Analysis	≤ 150.0 ppm	3.5 ppm
Arsenic		2.4 ppm
Barium		1.3 ppm
Boron		0.4 ppm
Calcium		6.6 ppm
Chromium		3.4 ppm
Complexometric EDTA	Eu: ≥ 64.1 %	68.5%
Copper		8.2 ppm
Erbium		0.9 ppm
Gadolinium		0.4 ppm
Iron		1.4 ppm
Lead		1.3 ppm
Potassium		0.2 ppm
Samarium		1.4 ppm
Silver		0.4 ppm
Sodium		57.5 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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Thulium	0.7 ppm
Vanadium	0.4 ppm
Yttrium	0.1 ppm

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