



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-252535
Lot Number: SAMPLE
Product Name: Cadmium sulfate hydrate
CAS Number: 15244-35-6
Molecular Formula: CdSO_4
Molecular Weight: 208.47

Test	Specification	Result
Appearance	White crystalline powder or chunks	White crystalline powder
Identification (ICP)	Consistent with cadmium component	Complies
Purity (Trace Metal Analysis)	$\geq 99.995\%$	Complies
Trace metal analysis	≤ 50.0 ppm	21.9 ppm
Aluminum		0.6 ppm
Barium		1.0 ppm
Bismuth		9.9 ppm
Cadmium	$\geq 43.0\%$ (complexometric EDTA)	45.5%
Calcium		2.6 ppm
Iron		0.5 ppm
Magnesium		0.1 ppm
Nickel		0.3 ppm
Silver		0.5 ppm
Sodium		2.7 ppm
Strontium		0.1 ppm
Titanium		1.3 ppm
Tungsten		1.2 ppm
Zinc		1.1 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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