



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-251223
Lot Number: SAMPLE
Product Name: Thallium(I) carbonate
CAS Number: 6533-73-9
Molecular Formula: Ti_2CO_3
Molecular Weight: 468.78

Test	Specification	Result
Appearance	White to off-white powder or crystals	Off-white crystals
Identification (ICP)	Consistent with Thallium Component	Complies
Purity (Trace Metal Analysis)	99.9%	Complies
Trace metal analysis	≤ 1500 ppm	183.8 ppm
Barium		10.5 ppm
Boron		1.3 ppm
Cadmium		1.1 ppm
Calcium		40.5 ppm
Iron		2.8 ppm
Lead		11.1 ppm
Magnesium		23.5 ppm
Potassium		51.0 ppm
Silver		7.4 ppm
Sodium		31.8 ppm
Strontium		0.8 ppm
Thallium	85.0 - 89.4% (Gravimetric analysis, with chromate)	86.3%
Zinc		1.9 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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