



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-224380
Lot Number: SAMPLE
Product Name: Yttrium(III) acetate
CAS Number: 304675-69-2
Molecular Formula: $(\text{CH}_3\text{CO}_2)_3\text{Y}$
Molecular Weight: 266.04

Test	Specification	Result
Appearance	White powder or solid or crystals or crystalline chunks or chunks	White chunks
Identification (ICP)	Consistent with Yttrium component	Complies
Identification (Infrared Spectrum)	Consistent with structure	Complies
Purity (Rare Earth Analysis)	99.9%	Complies
Trace Rare Earth Analysis	≤ 1500.0 ppm	12.3 ppm
Antimony		5.7 ppm
Bismuth		24.6 ppm
Cadmium		0.2 ppm
Calcium		9.3 ppm
Complexometric EDTA	26.0 - 32.3% (%Y)	26.7% (%Y)
Iron		8.5 ppm
Lead		17.7 ppm
Molybdenum		0.9 ppm
Neodymium		4.3 ppm
Palladium		5.5 ppm
Silver		10.4 ppm
Sodium		1.2 ppm
Strontium		0.1 ppm
Terbium		2.1 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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Ytterbium	6.0 ppm
Zinc	0.8 ppm
Zirconium	5.4 ppm

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