



*The Power to Question*

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-253190A  
Lot Number: SAMPLE  
Product Name: Niobium(V) oxide  
CAS Number: 1313-96-8  
Molecular Formula:  $\text{Nb}_2\text{O}_5$   
Molecular Weight: 265.81

Test	Specification	Result
Appearance	White powder or crystals or chunk(s)	White powder
Identification (X-Ray Diffraction)	Consistent with structure	Complies
Purity (Trace Metal Analysis)	99.99%	Complies
Trace metal analysis	$\leq 200.0$ ppm	41.1 ppm
Boron		3.8 ppm
Calcium		2.1 ppm
Copper		2.0 ppm
Lead		22.4 ppm
Magnesium		3.0 ppm
Manganese		1.4 ppm
Nickel		2.9 ppm
Potassium		2.1 ppm
Titanium		1.6 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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