



The Power to Question

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-228881  
Lot Number: SAMPLE  
Product Name: Osmium(III) chloride  
CAS Number: 13444-93-4  
Molecular Formula:  $\text{OsCl}_3$   
Molecular Weight: 296.59

Test	Specification	Result
Appearance (Color)	Dark grey to black	Black
Appearance (Form)	Powder	Complies
Identification (ICP)	Consistent with Os component	Complies
Purity (Trace Metal Analysis)	99.9%	Complies
Trace metal analysis	$\leq 2000.0$ ppm	$< 126.0$ ppm
Aluminum		4.0 ppm
Antimony		$< 0.5$ ppm
Arsenic		$< 0.5$ ppm
Beryllium		$< 0.5$ ppm
Bismuth		$< 0.5$ ppm
Boron		0.1 ppm
Calcium		15.0 ppm
Chromium		7.0 ppm
Cobalt		$< 1.0$ ppm
Copper		2.0 ppm
Gold		5.0 ppm
Iron		30.0 ppm
Iridium		8.0 ppm
Lead		$< 0.5$ 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.

Santa Cruz Biotechnology, Inc. 800.457.3801 831.457.3800 fax 831.457.3801 Europe +00800 4573 8000 49 62221 4503 0 [www.scbt.com](http://www.scbt.com)

Lithium	3.0 ppm
Magnesium	3.0 ppm
Manganese	0.4 ppm
Molybdenum	1.0 ppm
Nickel	1.0 ppm
Niobium	< 0.5 ppm
Palladium	1.0 ppm
Platinum	3.0 ppm
Potassium	8.0 ppm
Rhodium	3.0 ppm
Ruthenium	2.0 ppm
Silver	1.0 ppm
Sodium	20.0 ppm
Tin	< 0.5 ppm
Titanium	< 1.0 ppm
Tungsten	< 1.0 ppm
Vanadium	< 0.5 ppm
Zinc	1.0 ppm
Zirconium	< 0.5 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.

Santa Cruz Biotechnology, Inc. 800.457.3801 831.457.3800 fax 831.457.3801 Europe +00800 4573 8000 49 62221 4503 0 [www.scbt.com](http://www.scbt.com)