



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-269229
Lot Number: SAMPLE
Product Name: Hafnium ethoxide
CAS Number: 13428-80-3
Molecular Formula: $C_8H_{20}HfO_4$
Molecular Weight: 358.73

Test	Result
Assay (Oxide Precipitation)	99.75% as $Hf(OC_2H_5)_6$, but actually a mixture of $Hf_5O(OEt)_{10}$ and $Hf_6O(OEt)_{14}$
Purity	99.9%
Insoluble Matter	< 100 ppm
Aluminum	< 10 ppm
Calcium	< 10 ppm
Chloride	< 100 ppm(wet test)
Iron	< 10 ppm
Magnesium	< 10 ppm
Potassium	< 5 ppm
Sodium	< 5 ppm
Tin	< 20 ppm
Titanium	< 20 ppm
Vanadium	< 20 ppm
Zirconium	850 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