



# CERTIFICATE OF ANALYSIS

*The Power to Question*

Catalog Number: sc-257417  
Lot Number: SAMPLE  
Product Name: Erbium Carbonate  
CAS Number: 22992-83-2  
Molecular Formula:  $\text{Er}_2(\text{CO}_3)_3 \cdot x\text{H}_2\text{O}$   
Molecular Weight: 514.54 (anhydrous)

Test	Result
Calcium	< 50 ppm
Cerium	< 1 ppm
Chromium	< 10 ppm
Dysprosium	< 1 ppm
Erbium	55.79%
Europium	< 10 ppm
Gadolinium	< 10 ppm
Holmium	< 1 ppm
Iron	< 10 ppm
Lanthanum	< 10 ppm
Magnesium	< 20 ppm
Neodymium	< 1 ppm
Praseodymium	< 1 ppm
Samarium	< 10 ppm
Silicon	< 20 ppm
Sodium	< 10 ppm
Terbium	< 10 ppm
Thulium	< 20 ppm
Ytterbium	< 10 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)

---

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.