



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-203382B
Lot Number: SAMPLE
Product Name: Sodium carbonate, anhydrous
CAS Number: 497-19-8
Molecular Formula: Na_2CO_3
Molecular Weight: 105.99

Test	Result
Appearance	White powder
Purity (Titration)	99.6% (anhydrous basis)
Boiling Point	400 °C
Density	2.532
Melting Point	851 °C
pH	12
Solubility	21.5 g in 100 mL at 20 °C in water
Heavy Metals	0.0005%
Insoluble Matter	0.01%
Loss on Drying	Loss on heating: 0.8% (285 °C)
Arsenic	0.0005%
Calcium	0.03%
Chloride	0.001%
Iron	0.0004%
Magnesium	0.005%
Phosphate	0.001%
Potassium	0.004%
Silica	Silicate (SiO_2): 0.004%
Sulfur Compounds	0.003%

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

