



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-211763
Lot Number: SAMPLE
Product Name: Magnesium perchlorate
CAS Number: 10034-81-8
Molecular Formula: $\text{Mg}(\text{ClO}_4)_2$
Molecular Weight: 223.21

Test	Specification	Result
Appearance	White powder, granular powder or flakes and/or chunks	White granules
Identification (Infrared Spectrum)	Consistent with structure	Complies
Loss on Drying	$\leq 8\%$	7%
Titrateable Free Acid	$\leq 0.005 \text{ meq/g}$	$< 0.001 \text{ meq/g}$
Titrateable Free Base	$\leq 0.025 \text{ meq/g}$	0.002 meq/g
Complexometric EDTA	$> 10.0\% \text{ Mg}$	10.1%
Suitability	For Moisture Absorption	Complies

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