



# CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-252996  
Lot Number: SAMPLE  
Product Name: Mepivacaine hydrochloride  
CAS Number: 1722-62-9  
Molecular Formula:  $C_{15}H_{22}N_2O \cdot HCl$   
Molecular Weight: 282.81

Test	Specification	Result
Appearance	White crystalline powder	Complies
Chromatographic purity	$\leq 0.4\%$	Complies
Identification (Infrared Spectrum)		Complies
Purity (HPLC)	98 - 102 %	99.65%
Melting point	149-153 °C	Complies
pH	Around 4.5	4.72
Residue on ignition	$\leq 0.1\%$	0.02%
Loss on drying	$\leq 1.0\%$	0.16%
Chloride		Complies
Solvent residue	$\leq 0.3\%$ (Methanol)	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](http://www.scbt.com)