



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-337856
Lot Number: SAMPLE
Product Name: Glucosamine sulfate potassium chloride
CAS Number: **38899-05-7**
Molecular Formula: $(C_6H_{14}NO_5)_2 \cdot SO \cdot 2KCl$
Molecular Weight: 605.52

Test	Specification	Result
Appearance		White powder
Identification		Passes
Identification (FTIR)	Consistent with reference	Complies
Purity		100.98%
pH		4.46
Residue on Ignition		27.88%
Content		Glucosamine Sulfate: 76.14%
Optical Rotation	+51° to +61°	+58.4°
Heavy Metals		3 ppm
Loss on Drying		0.0%
Arsenic		0.45 ppm
Cadmium		0.6 ppm
Chloride		11.37%
Iron		5 ppm
Potassium		12.49%

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