



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-394021
Lot Number: SAMPLE
Product Name: Queuine hydrochloride
CAS Number: 69565-92-0
Molecular Formula: $C_{12}H_{15}N_5O_3 \cdot XHCl$
Molecular Weight: 277.28
Native Source: Synthetic

Test	Specification	Result
Appearance	Pale beige to beige solid	Light orange to light red solid
Identification (NMR)	Conforms to structure	Complies
Identification (Mass Spectrometry)	Conforms to structure	Complies
Elemental Analysis		%C: 41.32 %H: 5.04 %N: 19.80
Solubility		DMSO (slightly), Water (slightly)
Water Content		~5.1% (Elemental Analysis)

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