



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-255174
Lot Number: SAMPLE
Product Name: Ferrichrome Iron-free
CAS Number: 34787-28-5
Molecular Formula: $C_{27}H_{45}N_9O_{12}$
Molecular Weight: 687.70
Native Source: *Ustilago sphaerogena*

Test	Specification	Result
Appearance	White to yellow powder	White powder
Identification (NMR)	Consistent with structure	Complies
Purity (TLC)	$\geq 98.00\%$	99.50%
Solubility	Clear, colorless to faint yellow solution at 9.80 - 10.20 mg/ml in water	Clear, colorless solution at 10 mg/ml in water
Carbon Content	46.55 - 47.75%	47.18%
Iron (ICP)	$\leq 0.50\%$	0.00%
Nitrogen Content	17.83 - 18.83%	18.13%
Water Content (KF)	$\geq 0.00\%$	5.78%

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