



The Power to Question

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-275524  
Lot Number: SAMPLE  
Product Name: Biotinamidohexanoic acid 3-sulfo-N-hydroxysuccinimide ester sodium salt  
CAS Number: 127062-22-0  
Molecular Formula:  $C_{20}H_{29}N_4NaO_9S_2$   
Molecular Weight: 556.59

Test	Specification	Result
Appearance	White to off white powder	White powder
Identification (1H-NMR)	Consistent with structure	Complies
Purity (TLC)	$\geq 90\%$	96%
Solubility	Clear, colorless to faint yellow solution at 10 mg/ml in water	Clear, colorless solution
Solvent Content	Total solvent content: $\leq 7.0\%$	3.5%
Solvent Content (GC)	Isopropanol: $\leq 3.0\%$	2.7%
	DMF: $\leq 2.0\%$	0.1%
Sodium	4.0 - 6.0% (dry basis)	4.4%

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.

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