



# CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-207059  
Lot Number: SAMPLE  
Product Name: 5,5'-Dihydroxylysine  
CAS Number: 32619-23-1  
Molecular Formula:  $C_{12}H_{25}N_3O_6$   
Molecular Weight: 307.34

Test	Specification	Result
Appearance	Off-White to Light Brown Solid	Light Beige to Light Brown Solid
Identification (NMR)	Consistent with structure	Complies
Identification (Mass Spectrometry)	Consistent with structure	Complies
Purity		95%
Purity (HPLC)		96.23% (ELSD)
Carbon Content		44.34%
Hydrogen Content		8.77%
Nitrogen Content		12.47%
Water Content		~5.4% based on 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.

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