



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-280746
Lot Number: SAMPLE
Product Name: Glutathione Disulfide-13C4, 15N2
CAS Number: 27025-41-8 (unlabeled)
Molecular Formula: $C_{16}(^{13}C)_4H_{32}N_4(^{15}N)_2O_{12}S_2$
Molecular Weight: 618.59

Test	Specification	Result
Appearance	White to brown solid	White solid
Identification (NMR)	Consistent with structure	Complies
Identification (Mass Spectrometry)	Consistent with structure	Complies
Isotopic Purity	> 95%	98.650%
Purity		94%
Purity (HPLC)		94.17% (205 nm)
Specific Rotation		-101.9° (c = 0.5, Chloroform)
Ammonium		3.70% (Ion Chromatography)
Carbon Content	38.82%	34.13%
Hydrogen Content	5.21%	5.53%
Nitrogen Content	13.59%	15.71%

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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