Certificate of Analysis

L-Selenocystine

Cat. No.: HY-129960 CAS No.: 29621-88-3 Batch No.: 239560

Chemical Name: L-Alanine, 3,3'-diselenobis-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_6H_{12}N_2O_4Se_2$

Molecular Weight: 334.09

Storage: Powder -20°C 3 years

> 2 years $4^{\circ}C$

In solvent -80°C 6 months

> 1 month -20°C

Chemical Structure:

ANALYTICAL DATA

Appearance: Light yellow to yellow (Solid) ¹H NMR Spectrum: Consistent with structure

Purity (NMR): ≥95.0% OR(C=0.068g/100ml 1N NaOH): -23.6°

Conclusion: The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

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