Certificate of Analysis

DL-Homocystine

 Cat. No.:
 HY-W009390

 CAS No.:
 870-93-9

 Batch No.:
 130759

Chemical Name: Butanoic acid, 4,4'-dithiobis[2-amino-, (2R,2'R)-rel-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_8H_{16}N_2O_4S_2$

Molecular Weight: 268.35

Storage: Powder -20°C 3 years

4°C 2 years

In solvent -80°C 2 years

-20°C 1 year

Chemical Structure:

$$\begin{array}{c} O \\ O \\ O \\ NH_2 \end{array} \begin{array}{c} NH_2 \\ O \\ O \\ NH_2 \end{array} \begin{array}{c} O \\ O \\ O \\ O \\ O \\ O \end{array}$$

ANALYTICAL DATA

Appearance: White to off-white (Solid)

¹ H NMR Spectrum: Consistent with structure

Purity (NMR): ≥98.0%

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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