## **Certificate of Analysis**

## Glutathione oxidized- $^{13}$ C<sub>4</sub>, $^{15}$ N<sub>2</sub>

 Cat. No.:
 HY-D0844S

 CAS No.:
 1416898-83-3

 Batch No.:
 230556

Chemical Name: Glycine-1,2-13C2-15N, L- $\gamma$ -glutamyl-L-cysteinyl-, bimol. (2 $\rightarrow$ 2')-disulfide

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{16}^{13}C_4H_{32}N_4^{15}N_2O_{12}S_2$ 

Molecular Weight: 618.59

Storage: Powder -20°C 3 years

4°C 2 years

In solvent -80°C 6 months

-20°C 1 month

**Chemical Structure:** 

$$\begin{array}{c} 0 \\ \text{HO}^{\frac{1}{3}G_{3}}\text{CH}_{2} \\ \text{HO}^{\frac{1}{3}G_{3}$$

## **ANALYTICAL DATA**

Appearance: White to off-white (Solid)

Purity: ≥98.0%
Isotopic Enrichment: 99.9%

**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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