# **Certificate of Analysis**

## **Guanidinoethyl sulfonate**

Cat. No.: HY-113329 CAS No.: 543-18-0 Batch No.: 390029

**Chemical Name:** Ethanesulfonic acid,2-[(aminoiminomethyl)amino]-

#### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_3H_9N_3O_3S$ Molecular Weight: 167.19

Storage: Powder -20°C 3 years

> 2 years 4°C

In solvent -80°C 6 months

-20°C 1 month

**Chemical Structure:** 

$$\begin{array}{c|c} NH & O \\ \downarrow \\ H_2N & N \\ H & O \\ \end{array}$$

### ANALYTICAL DATA

Appearance: White to off-white (Solid) <sup>1</sup>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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