# **Certificate of Analysis**

## L-Homoserine

 Cat. No.:
 HY-W002292

 CAS No.:
 672-15-1

 Batch No.:
 254616

Chemical Name: L-Homoserine

#### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_4H_9NO_3$  Molecular Weight: 119.12

Storage: Powder -20°C 3 years

4°C 2 years

In solvent -80°C 2 years

-20°C 1 year

#### **Chemical Structure:**

$$O$$
 $HO$ 
 $\stackrel{\stackrel{i}{\longrightarrow}}{\longrightarrow} NH_2$ 

### **ANALYTICAL DATA**

Appearance: White to yellow (Solid)

<sup>1</sup> H NMR Spectrum: Consistent with structure

MS: Consistent with structure

Purity (HPLC): 99.33%

**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.

Tel: 609-228-6898 Fax: 609-228-5909 E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA