## **Certificate of Analysis**

## **Carglumic Acid**

Cat. No.: HY-B0711 CAS No.: 1188-38-1 Batch No.: 273619

**Chemical Name:** L-Glutamic acid, N-(aminocarbonyl)-

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_6H_{10}N_2O_5$ 190.15 Molecular Weight:

Storage: Powder -20°C 3 years

> 2 years 4°C

In solvent -80°C 2 years

> -20°C 1 year

**Chemical Structure:** 

$$H_2N$$
 $H_2N$ 
 $H_3$ 
 $H_4$ 
 $H_4$ 
 $H_5$ 
 $H_5$ 
 $H_5$ 
 $H_5$ 
 $H_5$ 
 $H_6$ 
 $H_7$ 
 $H_$ 

## ANALYTICAL DATA

Appearance: White to off-white (Solid) <sup>1</sup>H NMR Spectrum: Consistent with structure MS: Consistent with structure

Purity (HPLC): 99.84%

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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