# **Certificate of Analysis**

## 1-(tert-Butyl) 5-methyl L-glutamate hydrochloride

Cat. No.: HY-W025811 CAS No.: 34582-33-7 Batch No.: 270660

**Chemical Name:** L-Glutamic acid, 1-(1,1-dimethylethyl) 5-methyl ester, hydrochloride (1:1)

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{10}H_{20}CINO_4$ Molecular Weight: 253.72

Storage: 4°C, sealed storage, away from moisture

\* In solvent: -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

**Chemical Structure:** 

## **ANALYTICAL DATA**

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

Purity (NMR): ≥97.0%

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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