## **Certificate of Analysis**

## tert-Butyl L-valinate hydrochloride

Cat. No.: HY-Y1030 CAS No.: 13518-40-6 Batch No.: 331910

**Chemical Name:** L-Valine, 1,1-dimethylethyl ester, hydrochloride (1:1)

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C9H20ClNO2 Molecular Weight: 209.71

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**

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

Purity (NMR): ≥98.0%

The product has been tested and complies with the given specifications. Conclusion:

Caution: Product has not been fully validated for medical applications. For research use only.

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