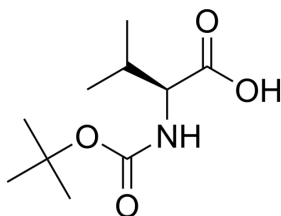


## Certificate of Analysis

**Product Name:** Boc-L-Valine  
**Cat. No.:** CS-W002300  
**CAS No.:** 13734-41-3  
**Batch No.:** Le062877756

### PHYSICAL AND CHEMICAL PROPERTIES

**Molecular Formula:** C<sub>10</sub>H<sub>19</sub>NO<sub>4</sub>  
**Molecular Weight:** 217.26  
**Storage:** Storage temp. 2-8°C  
**Chemical Structure:**



### ANALYTICAL DATA

**Appearance:** White to off-white (Solid)  
**<sup>1</sup>H NMR Spectrum:** Consistent with structure  
**Purity (NMR):** ≥97.0%  
**Water(KF):** 0.16%  
**Residue on Ignition:** 0.05%  
**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: 610-426-3128

Fax: 888-484-5008

E-mail: sales@ChemScene.com

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