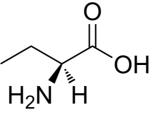




# **Certificate of Analysis**

#### **Compound Information**

| Product Name: H-A                   | bu-OH                          |
|-------------------------------------|--------------------------------|
| <b>Cat. No.:</b> 102                | 1992                           |
| <b>CAS No.:</b> 149                 | 2-24-6                         |
| Molecular Formula: C <sub>4</sub> H | I <sub>9</sub> NO <sub>2</sub> |
| Molecular Weight: 103               | .12                            |
| Chemical Structure:                 |                                |



#### **Batch Information**

| Batch No.:   | Lf0724148460        |
|--------------|---------------------|
| Storage:     | Storage temp. 2-8°C |
| Test Date:   | 2022-07-24          |
| Retest Date: | 2025-07-23          |
| Origin:      | Shanghai, China     |

### **QC Summary**

| Appearance:                   | White to off-white (Solid)  |
|-------------------------------|---|
| <sup>1</sup> H NMR Spectrum:  | Consistent with structure   |
| Purity (NMR):                 | ≥97.0%  |
| OR(C=1.03g/100ml 1mol/L HCL): | 20.2°   |
| Water(KF):                    | 0.48%   |
| Residue on Ignition:          | 0.04%   |
| Conclusion:                   | The product has been tested and complies with the given specifications. |

## Caution: Research use only and are not intended for human use.

Tel: 400-821-0725E-mail: product@leyan.comAddress: No. 1999 Zhangheng Road, Building 3, Zhangjiang High-Tech Park, Shanghai