

## Certificate of Analysis

### Compound Information

**Product Name:** N-Acetyl-L-leucine

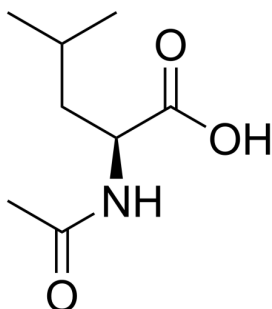
**Cat. No.:** 1017825

**CAS No.:** 1188-21-2

**Molecular Formula:** C<sub>8</sub>H<sub>15</sub>NO<sub>3</sub>

**Molecular Weight:** 173.21

**Chemical Structure:**



### Batch Information

**Batch No.:** Lf1219191479

**Storage:** Storage temp. 2-8°C

**Test Date:** 2022-12-19

**Retest Date:** 2025-12-18

**Origin:** Shanghai, China

### QC Summary

**Appearance:** White to off-white (Solid)

**<sup>1</sup>H NMR Spectrum:** Consistent with structure

**Purity (NMR):** ≥98.0%

**Water(KF):** 0.90%

**Residue on Ignition:** 0.19%

**OR[α](C=1.00 g/100ml ETOH):** -20.6°

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

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

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