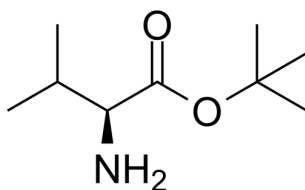


## Certificate of Analysis

### Compound Information

<b>Product Name:</b>	Tert-butyl L-valinate
<b>Cat. No.:</b>	1239794
<b>CAS No.:</b>	13211-31-9
<b>Molecular Formula:</b>	C <sub>9</sub> H <sub>19</sub> NO <sub>2</sub>
<b>Molecular Weight:</b>	173.25
<b>Chemical Structure:</b>	



### Batch Information

<b>Batch No.:</b>	Le1027105292
<b>Storage:</b>	-20°C, protect from light
<b>Mfg. Date:</b>	2021-10-31
<b>Retest Date:</b>	2024-10-30
<b>Origin:</b>	Shanghai, China

### QC Summary

<b>Appearance:</b>	Colorless to light yellow (Liquid)
<b><sup>1</sup>H NMR Spectrum:</b>	Consistent with structure
<b>Purity (GC):</b>	98.74%
<b>OR(C=0.3660, ETOH):</b>	31.8°
<b>Conclusion:</b>	The product has been tested and complies with the given specifications.

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

Tel: 400-821-0725

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