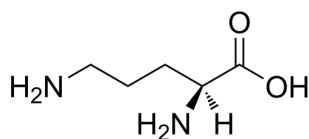


## Certificate of Analysis

### Compound Information

<b>Product Name:</b>	L-Ornithine (hydrochloride)
<b>Cat. No.:</b>	1029374
<b>CAS No.:</b>	3184-13-2
<b>Molecular Formula:</b>	C <sub>5</sub> H <sub>13</sub> ClN <sub>2</sub> O <sub>2</sub>
<b>Molecular Weight:</b>	168.62
<b>Chemical Structure:</b>	



HCl

### Batch Information

<b>Batch No.:</b>	Ld123027542
<b>Storage:</b>	2-8°C, sealed storage, away from moisture and light
<b>Test Date:</b>	2020-12-30
<b>Retest Date:</b>	2023-12-29
<b>Origin:</b>	Shanghai, China

### QC Summary

<b>Appearance:</b>	White to off-white (Solid)
<b><sup>1</sup>H NMR Spectrum:</b>	Consistent with structure
<b>Optical Rotation:</b>	Consistent with structure
<b>Purity (NMR):</b>	≥98.0%
<b>Water(KF):</b>	0.02%
<b>Residue on Ignition:</b>	0.01%
<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.**

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