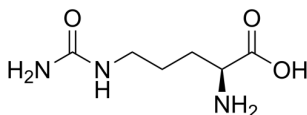


## Certificate of Analysis

### Compound Information

Product Name:	L-Citrulline
Cat. No.:	1031120
CAS No.:	372-75-8
Molecular Formula:	C <sub>6</sub> H <sub>13</sub> N <sub>3</sub> O <sub>3</sub>
Molecular Weight:	175.19
Chemical Structure:	



### Batch Information

Batch No.:	Le1220114466
Storage:	Storage temp. 2-8°C
Test Date:	2021-12-20
Retest Date:	2024-12-19
Origin:	Shanghai, China

### QC Summary

Appearance:	White to off-white (Solid)
<sup>1</sup> H NMR Spectrum:	Consistent with structure
Optical Rotation:	Consistent with structure
Purity (NMR):	97%
Water(KF):	0.05%
Residue on Ignition:	0.04%
OR(C=0.61650 HCL):	22.2°
Conclusion:	The product has been tested and complies with the given specifications.

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

Tel: 400-821-0725

E-mail: [product@leyan.com](mailto:product@leyan.com)

Address: No. 1999 Zhangheng Road, Building 3, Zhangjiang High-Tech Park, Shanghai