

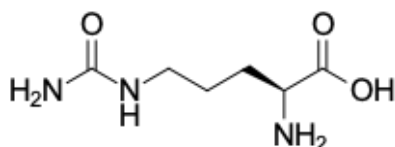
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## L-Citrulline

<http://www.lumiprobe.com/p/l-citrulline>

The main functions of L-citrulline in the body: participation in the synthesis of urea in the ornithine cycle, the most important way of removing ammonia from the body, participation in the synthesis of nitric oxide, which affects the cardiovascular and immune systems.

The product is used primarily as a control for MS/MS.



**Structure of L-Citrulline**

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### General properties

Appearance: white solid

Molecular weight: 175.19

CAS number: 372-75-8

Molecular formula: C<sub>6</sub>H<sub>13</sub>N<sub>3</sub>O<sub>3</sub>

Solubility: in water

Quality control: NMR <sup>1</sup>H and HPLC-MS (95+%)

Storage conditions: 24 months after receipt at -20°C in the dark. Transportation: at room temperature for up to 3 weeks. Desiccate.

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