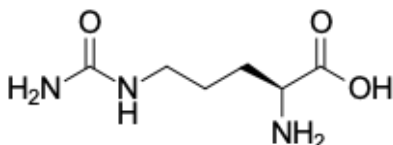


## L-Citrulline

<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.

Legal statement: This Product is offered and sold for research purposes only. It has not been tested for safety and efficacy in food, drug, medical device, cosmetic, commercial or any other use. Supply does not express or imply authorization to use for any other purpose, including, without limitation, in vitro diagnostic purposes, in the manufacture of food or pharmaceutical products, in medical devices or in cosmetic products.