



LIFTMODE  
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## CERTIFICATE OF ANALYSIS

### L-Citrulline DL Malate 2:1

(Comp)

Material Lot #: 190829      Manufacturer Analysis Date: 08/29/2019  
Country of Origin: China      Analysis Date: 07/03/2020  
Retesting Date: 07/03/2023

Analysis	Claim	Result
L-Citrulline	≥66%	67.6%
DL-Malic Acid	≥33%	33.2%

Test	Specification	Result
HPLC Assay	≥66%	67.6%
Titration Assay	≥33%	33.2%
ICP-MS		
Arsenic	≤1.5 ppm	<0.03 ppm
Lead	≤0.5 ppm	0.02 ppm
Cadmium	≤0.5 ppm	<0.01 ppm
Mercury	≤0.5 ppm	<0.01 ppm
Total Aerobic Count	<1000 cfu/g	Conforms
Yeast & Mold	<100 cfu/g	Conforms
Coliform	<10 cfu/g	Conforms
<i>E. coli</i>	Negative	Conforms
Salmonella	Negative	Conforms

L-Citrulline DL Malate 2:1 should be stored at or below room temperature in a tightly sealed durable container.  
L-Citrulline DL Malate 2:1 should be protected from excess heat, direct sunlight, excess humidity, and moisture.  
L-Citrulline DL Malate 2:1 has a retesting period of 3 years from the date of analysis when properly stored.



## Certificate of Analysis

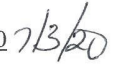
**Client:**  
Synaptent LLC  
47 W Polk Street, 100-241  
Chicago, IL 60654

**Sample Collected By:** Client

Product Name	L-Citrulline DL Malate 2:1	Product Lot Number	190829
Report Date	07/03/20	Laboratory Number	20060458

Description	Method	Result
L-Citrulline	HPLC	67.6%
Malic acid	Titration	33.2%
Lead	ICP-MS	0.02 ppm
Arsenic	ICP-MS	<0.03 ppm
Cadmium	ICP-MS	<0.01 ppm
Mercury	ICP-MS	<0.01 ppm
Total Aerobic Count	Biolumix	<1,000 cfu/g
Yeast & Mold	Biolumix	<1,000 cfu/g
E. Coli	Biolumix	<10 cfu/g
Coliform	Biolumix	<10 cfu/g
Salmonella	Biolumix	Absent

Collin Thomas   
Laboratory Manager

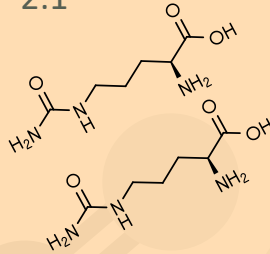
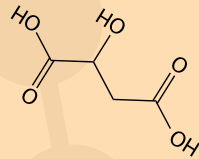
07/03/2020   
Date

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# L-Citrulline DL-Malate

2:1



## Main Benefits

- **L-Citrulline DL-Malate** is an amino acid/carboxylic acid salt with a ratio of two parts **L-Citrulline** to one part **Malic acid**.
- **L-Citrulline** is metabolized into L-Arginine, but due to increased absorption over L-Arginine and more tolerable gastrointestinal properties, it is generally considered superior to L-Arginine supplements. Arginine is important for protein production and growth hormone release.
- **Malic acid** is a key factor in ATP synthesis in all living organisms.

## Main Cautions

- **L-Citrulline DL-Malate** is generally well tolerated but caution is still advised with higher doses.
- Consult your healthcare provider before use if you have a medical condition or if you are taking any prescription medications.

## Usage Tips

- A 1.7cc (1/3rd teaspoon) measuring scoop is included. Three rounded scoops contains one serving of approximately **3000mg L-Citrulline DL-Malate**. As a dietary supplement, take 1 serving up to 3 times per day. Start at the lower suggested quantity to assess response.
- Liftmode **L-Citrulline DL-Malate** is standardized to contain roughly 66% **L-Citrulline** and 33% **Malic acid** by weight.
- **L-Citrulline DL-Malate** has a variety of benefits is widely used to aid fitness and energy levels.
- This dietary supplement is not intended to treat, diagnose, prevent, or cure any diseases. Consult your healthcare provider before use if you have a medical condition or if you are taking any prescription medications.
- It is safe to stack **L-Citrulline DL-Malate** with other supplements as long as the amount consumed does not exceed the suggested serving size.
- The benefits of **L-Citrulline DL-Malate** are most effective when they are supported by a healthy diet and plenty of exercise.