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L-Citrulline DL Malate 2:1 Specification

L-citrulline DL-malate 2:1 combines two parts L-citrulline, a non-essential amino acid active in the urea cycle with one part DL-malic acid, a racemic mixture of dicarboxylic acids which help to support energy production.

CAS No.	70796-17-7
Chemical Formula	C ₁₀ H ₁₉ N ₃ O ₈
Place of origin	China
Certificate	Haccp, Kosher, Hala, ISO
Payment terms:	T/T or L/C
Port of dispatch	Shanghai, Tianjin, Qindao
Applications	L-Citrulline DL-Malate 2:1 is a combination of Citrulline, an amino acid, and Malate, the salt of malic acid. It is popularly used as a dietary supplement to boost athletic performance and extreme physical exertion by delaying the onset of fatigue and muscle pain.

L-Citrulline DL Malate 2:1

ITEM	SPECIFICATION
Appearance	White powder
Identification	In accordance with standard retention time
Optical rotation Assay	+16.5±18.5°

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Assay	≥ 98.5%
L-Citrulline	62.5~74.2%
DL-Malate	25.8~37.5%
Solubility	Clear
Loss on drying	≤ 0.30%
Residue on ignition	≤ 0.10%
Chloride	≤ 0.02%
Sulfate	≤ 0.02%
Ammonium	≤ 0.02%
Heavy metals	≤ 10ppm
Lead	≤ 1ppm
Total mercury	≤ 0.1ppm
Cadmium	≤ 1ppm
Arsenic	≤ 10ppm
Iron Mesh size	100% through 60mesh

We're L-Citrulline DL-Malate 2:1 **Manufacturers, Suppliers and Wholesalers** in China.

Based on our 15 years in food additives & ingredients market, we have a knowledge of China market and manufacturers. We can help our abroad customers save time selecting good manufacturers and update the current market in China.

Contact Us

Website: [https://www.foodsweeteners.com/products/L-Citrulline DL-Malate](https://www.foodsweeteners.com/products/L-Citrulline-DL-Malate)

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