



青 岛 润 昌 化 工 有 限 公 司
QINGDAO SAMIN CHEMICAL CO.,LTD.

SPECIFICATION

Product Name	L-Citrulline
CAS No	372-75-8
Molecular Formular	$C_6H_{13}N_3O_3$
Specification Version	AJ192
Shelf Life	24months
Package	25kg / drum

ITEM	SPECIFICATION
Assay	98.5~101.0%
Description	White crystals or crystalline powder
Identification	Meets the requirements
Specific rotation	+24.5°~+26.8°
State of solution	≥98.0%
Chloride (Cl)	≤ 0.02%
Ammonium (NH ₄)	≤ 0.02%
Sulfate (SO ₄)	≤ 0.02%
Iron (Fe)	≤ 10ppm
Heavy metals (Pb)	≤ 10ppm
Lead	≤ 0.5ppm
Cadmium	≤ 1ppm
Mercury	≤ 0.1ppm
Arsenic(As ₂ O ₃)	≤ 1ppm
Loss on drying	≤ 0.30%
Residue on ignition (sulfated)	≤ 0.10%
PH	5.0~7.0
Particle size	20Mesh

Microbiology Control

Total plate count	≤ 1000cfu/g
Yeasts & Molds	≤ 100cfu/g
E. coli & Salmonella	Negative
Staphylococcus aureus:	Negative

Storage: Store in cool and dry place, in a well-close container, keep away from strong light and heat.

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