

Chem-Impex International, Inc.

Tel: (630) 766-2112

E-mail: sales@chemimpex.com

Shipping and Correspondence:

935 Dillon Drive

Wood Dale, IL 60191

Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

Product Specifications

Catalogue Number	01304
Product	L-Citrulline
	L-Cit-OH
	(S)-2-Amino-5-ureidopentanoic acid
CAS Number	372-75-8
Molecular Formula	C ₆ H ₁₃ N ₃ O ₃
Molecular Weight	175.19

Appearance	White crystalline powder
Heavy Metals	≤ 10 ppm
Anion	Chloride (Cl ⁻): ≤ 0.02% Sulfate (SO ₄ ²⁻): ≤ 0.02%
Cation	Arsenic (As ₂ O ₃): ≤ 1 ppm Ammonium (NH ₄ ⁺): ≤ 0.020% Iron (Fe): ≤ 10 ppm
pH	5.0-7.0
Optical Rotation	[α] _D ²⁰ = +24.5° to +26.8°
Transmission	≥ 98% (State of solution)
Loss on Drying	≤ 0.30%
Residue On Ignition	≤ 0.1%
Assay	≥ 99%
Storage	Store at RT

Product Specifications

Catalog Number: 01304

For Laboratory Use Only