

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

Certificate of Analysis

Catalogue Number	01304
Lot Number	001192-150815
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	6.50
Optical Rotation	[α] _D ²⁰ = +26.21°
Transmission	99.1% (State of solution)
Loss on Drying	0.12%
Residue On Ignition	0.06%
Assay	99.31%
Storage	Store at RT

Certificate of Analysis

Catalog Number: 01304

Lot Number: 001192-150815

Remarks

See material safety data sheet for additional information

For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager