

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	03529
Lot Number	20080719
Product	D-Citrulline
	D-Cit-OH
	(R)-2-Amino-5-ureidopentanoic acid
CAS Number	13594-51-9
Molecular Formula	C ₆ H ₁₃ N ₃ O ₃
Molecular Weight	175.19

Appearance	White to off-white powder
Heavy Metals	< 10 ppm (as Pb)
Trace Metal Analysis	Arsenic (As ₂ O ₃) < 1 ppm Chloride (Cl) < 0.02%
Optical Rotation	[α] _D ²⁰ = -25.1° (C=8 in 6N HCl)
Infrared Spectrum	Conforms to structure
Transmission	> 98%
Loss on Drying	0.2%
Other Amino Acids	Chromatography pure
Residue On Ignition	< 0.1%
Assay	99.8%
Storage	Store at 0-8 °C

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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