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Product Specifications

Catalogue Number	03529
Product	D-Citrulline
	D-Cit-OH
	(<i>R</i>)-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
Anion	Chloride (Cl ⁻) ≤ 0.02%
Optical Rotation	[α] _D ²⁰ = -24.5 to -26.8° (C=8 in 6N HCl)
Infrared Spectrum	Conforms to structure
Transmission	≥ 98%
Loss on Drying	≤ 1%
Other Amino Acids	Chromatographically pure
Residue On Ignition	≤ 0.1%
Assay	≥ 99%
Storage	Store at 0-8 °C

For Laboratory Use Only