

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	21837
Lot Number	002436-20220705
Product	L-Homoarginine hydrochloride (S)-2-Amino-6-guanidinohexanoic acid hydrochloride
CAS Number	1483-01-8
Molecular Formula	C ₇ H ₁₆ N ₄ O ₂ •HCl
Molecular Weight	224.69

Appearance	White crystalline powder
Clarity & Color	Conforms
Melting Point	212 - 213 °C
Heavy Metals	< 10 ppm (as Pb)
Anion	Sulfate(SO ₄) : < 0.02%
Cation	Ammonium(NH ₄) : < 0.02%
Optical Rotation	[α] _D ²⁰ = 16.5 °
Loss on Drying	0.15%
Other Amino Acids	Not detected
Residue On Ignition	0.08%
Assay by titration	95.2%
Storage	Store at 0 - 8 °C
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