

Item Number	A1337
Item	Arginine Hydrochloride, USP
CAS Number	1119-34-2
Molecular Formula	C ₆ H ₁₄ N ₄ O ₂ •HCl
Molecular Weight	210.66
MDL Number	
Synonyms	L-Arginine Hydrochloride ; L-2-Amino-5-guanidinovaleric Acid Monohydrochloride

Test	Specification	
	Min	Max
ASSAY (DRIED BASIS)	98.5	101.5 %
SPECIFIC ROTATION	+21.4° to +23.6°	
CHLORIDE CONTENT	16.5	17.1 %
CHROMATOGRAPHIC PURITY:		
INDIVIDUAL IMPURITY		0.5 %
TOTAL IMPURITIES		2.0 %
LOSS ON DRYING		0.2 %
RESIDUE ON IGNITION		0.1 %
SULFATE		0.03 %
ELEMENTAL IMPURITIES:		
CADMIUM (Cd)	AS REPORTED	
LEAD (Pb)	AS REPORTED	
ARSENIC (As)	AS REPORTED	
MERCURY (Hg)	AS REPORTED	
IDENTIFICATION (FTIR)	SPECTRUM MATCHES REFERENCE	
APPEARANCE		
EXPIRATION DATE		
DATE OF MANUFACTURE		
RESIDUAL SOLVENTS	AS REPORTED	
MONOGRAPH EDITION		

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