

Specification

Technical Data Sheet

Product Name	L-Arginine
Product No	28411569
CAS Number	74-79-3
Storage Temperature	Ambient
Molecular Weight	174.20
	Specification
Appearance	White crystals or crystalline powder
Conclusion	Conforms to USP specifications
Loss on Drying	≤ 0.5%
Assay	98.5 - 101.5%
Chromatographic purity	Not more than 0.5% of any individual impurity is found ; Not more than 2.0% of total impurities is found
Heavy Metals (Pb)	≤ 0.0015%

Specification

Residue on Ignition	≤ 0.3%
Specific rotation [α] D 2 5	+26.3 to +27.7
Chloride (Cl)	≤ 0.05%
Identification (IR)	Conforms to reference
Iron (Fe):	≤ 0.003%
Sulphate (SO₄)	≤ 0.03%
