

SPECIFICATION

L-Arginine

Parameters	Specification
CAS Number	74-79-3
Appearance	White crystalline powder
Molecular Formula	C6H14N4O2
Molecular Weight	174.20 g/mol
Boiling Point	210 °C
Melting Point	145 °C
Flash Point	320 °C
Purity	98–99%
Refractive Index	1.455
Solubility	Very soluble in water; soluble in ethanol; insoluble in nonpolar solvents
Uses	Amino acid supplement; precursor for nitric oxide synthesis; used in pharmaceuticals, sports nutrition, and cosmetics



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