

Product Specification Sheet

L-Lysine

Product:	L-Lysine
CAS:	56-87-1
Synonym:	a,e-Diaminocaproic acid;
Formula:	C ₆ H ₁₄ N ₂ O ₂
Class:	Vitamins - Enzymes - Amino Acids
Product Type:	
Hazard:	0 Non-Regulated Material

SPECIFICATIONS

Description :	White crystals or crystalline powder with slightly
Solubility (grams/100 g water) at 100°C :	It is freely soluble in water, very slightly solu
Assay % :	(On Drying Basis) : 98 % Min
Specific Rotation :	[α] D ₂₀ : +23.0 ° ~ + 24.5°
State of Solution *1 :	Clear and Odorless
Transmittance :	T430 : 98.0% Min
Chlorides :	(as Cl) : 0.02% Max
Ammonium :	(as NH ₄) : 0.1% Max
Sulfates :	(as SO ₄) : 0.02 % Max
Iron :	(as Fe) : 10 ppm Max
Heavy Metals; USP <231> :	(as Pb) : 1 ppm Max
Arsenic PPM :	(as As ₂ O ₃) : 0.20 % Max
Loss on Drying :	0.20 % Max
Residue on Ignition :	0.10 5 Max

Notes:

About Parchem Trading Ltd.

As a supplier and distributor of L-Lysine, we offer a full range of L-Lysine Distribution, Import / Export, Logistics and Outsourcing services. Our Global Contacts, state-of-the-art technology, knowledge of the relevant L-Lysine Chemistry and the industry, and direct links to the L-Lysine Manufacturers, Suppliers and Distributors, enable us to provide high quality Products at very competitive prices in a minimum amount of time.

As a member of the National Association of Chemical Distributors (NACD), Parchem has committed to quality and to fulfill the distribution guidelines set forth in the Responsible Distribution Process.



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