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Typical Product Specifications & Properties

L-Lysine

CAS Number: : 56-87-1

Specifications	Limits
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] D20 : +23.0 ° ~ + 24.5°
State of Solution *1	Clear and Odorless
Transmittance	T430 : 98.0% Min
Chlorides	(as Cl) : 0.02% Max
Ammonium	(as NH4) : 0.1% Max
Sulfates	(as SO4) : 0.02 % Max
Iron	(as Fe) : 10 ppm Max
Heavy Metals; USP <231>	(as Pb) : 1 ppm Max
Arsenic PPM	(as As2O3) : 0.20 % Max



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Specifications	Limits
Loss on Drying	0.20 % Max
Residue on Ignition	0.10 5 Max
Chemical Structure	



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