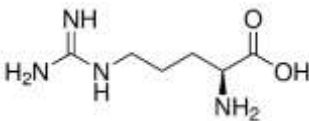


L-ARGININE (FREE BASE)

H03895	H03895	
SYNONYMS	--	
C.I. NO.	--	
CASR NO.	(74-79-3)	
ATOMIC OR MOLECULAR FORMULA	C ₆ H ₁₄ N ₄ O ₂	
ATOMIC OR MOLECULAR WEIGHT	174.20	
PROPERTIES	Storage & sensitivity light sensitivity ambient temperatures	
PARAMETER	LIMIT	
Description	White to almost white crystals or crystalline powder.	
Solubility	10% solution in water is clear and colourless.	
Minimum Assay (Non aqueous)	99.0%	
Specific Rotation (α) $\frac{20}{D}$ (C=8 in 6N HCl)	+ 26.3° to + 27.7°	
MAXIMUM LIMIT OF IMPURITIES		
Loss on drying (110°C)	0.5%	
Residue on ignition	0.3%	
Chloride (Cl)	0.05%	
Sulphate (SO ₄)	0.03%	
Homogeneity by TLC	Passes test	
Note(s): Assay (if applicable) method mentioned.		
WARNING		IMDG Code :
Hazard statements: Not hazardous. No hazards.		UN No. :
Precautionary statements		IATA :
Prevention: -----		
Response: ---		
Disposal: Dissolve the chemical to be disposed, in water and allow it to run to waste, diluting with large quantities of water.		
Hazard Pictogram(s) :-		