
L-Lysine, Plant Culture Tested

PCT0314

Product Identifier

CAS No.	:	56-87-1
EC No.	:	200-294-2
Molecular Formula	:	C ₆ H ₁₄ N ₂ O ₂
Molecular Weight	:	146.19
HS Code	:	2922 41 00
Storage	:	Below 30°C
Shelf life	:	4 years

Technical Specification

Appearance	:	White to yellow crystals or powder or chunks.
Solubility	:	33.3 mg soluble in 1 mL of water
FTIR	:	Matches with the standard pattern
Specific rotation	:	+21.20° to +27.20° (c = 2 in 6 N HCl)
Melting range	:	210 - 220°C (dec.)
Loss on drying (at 105°C, 2 hr)	:	<= 5.00%
Assay (NT, on dry basis)	:	98.00 - 103.00%
Plant Tissue Culture Test	:	Passes

Safety Information

UN No.	:	Not dangerous goods
Class	:	-
Packing Group	:	-
RTECS	:	OL5540000
WGK	:	1