L-Lysine, Hi-LR™ RM3028

Product Identifier

CAS No.	:	56-87-1
EC No.	:	200-294-2
Molecular Formula	:	$C_6H_{14}N_2O_2$
Molecular Weight	:	146.19
Synonym	:	(S)-2,6-Diaminocaproic acid
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 at 20°C)
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%

Safety Information

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

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