
L-Lysine monohydrochloride

GRM055

Product Identifier

CAS No.	:	657-27-2
EC No.	:	211-519-9
Molecular Formula	:	C ₆ H ₁₄ N ₂ O ₂ . HCl
Molecular Weight	:	182.65
Synonym	:	L-2,6-Diaminohexanoic acid monohydrochloride
HS Code	:	2922 41 00
Storage	:	Below 30°C
Shelf life	:	4 years

Technical Specification

Appearance	:	White to off-white crystals or powder
Solubility	:	100 mg soluble in 1 mL of water
FTIR	:	Matches with the standard pattern
Specific rotation	:	+20.40° to +21.40° (c = 8% in 6N HCl at 25°C)
Chloride content	:	19.00 - 19.60%
Assay (NT/HPLC)	:	99.00 - 102.00%

Safety Information

UN No.	:	Not dangerous goods
Class	:	-
Packing Group	:	-
RTECS	:	OL5650000
WGK	:	1