
L-Lysine monohydrate, For Molecular Biology

MB295

Product Identifier

CAS No.	:	39665-12-8
EC No.	:	200-294-2
Molecular Formula	:	C ₆ H ₁₄ N ₂ O ₂ .H ₂ O
Molecular Weight	:	164.20
HS Code	:	2922 41 00
Storage	:	Below 30°C
Shelf life	:	4 years

Technical Specification

Appearance	:	White to light yellow crystals or powder.
Solubility	:	100 mg soluble in 1 mL water
DNases	:	None detected
RNases	:	None detected
Specific rotation	:	+22.0 to +26.0° (c = 2% in 6M HCl at 25°C)
Water (K.F.)	:	10.0 - 11.5%
Assay (NT, on anhydrous basis)	:	95.00 - 102.00%

Safety Information

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