



Molekula Limited
Lingfield Way
Darlington
County Durham
DL1 4XX
United Kingdom
+44 (0) 3302 000333
info@molekula.com

Specification

Technical Data Sheet

Product Name	L-Lysine
Product No	35991574
CAS Number	56-87-1
Storage Temperature	Ambient
Molecular Weight	146.19
	Specification
Specific rotation	+25.5° - +27°
Heavy metals	<0.001%
AS	<0.0001%
pH	9 - 10.5
Fe	<0.001%
Loss on Drying	<5.0%
Assay	98.5%-101.5%
Residue on Ignition	<0.3%
NH4	<0.02%
Other amino acids	<0.5% (HPLC); <0.5% (TLC)
Cl	<0.03%
Appearance	White crystals or White crystalline Powder