

Specification

Technical Data Sheet

Product Name	L-Lysine
Product No	35991574
CAS Number	56-87-1
Storage Temperature	Ambient
Molecular Weight	146.19

Specification

Appearance	White crystals or White crystalline Powder
Heavy metals	≤0.001%
Loss on Drying	≤5.0%
pH	9.0 - 10.5
Specific rotation	+25.5° - +27°
Assay	98.5 - 101.5%
Chloride (Cl)	≤0.03%

Specification

Iron (Fe)

≤0.001%

Other amino acids

≤0.5% (HPLC); <0.5% (TLC)

Residue on Ignition

≤0.3%

Ammonium (NH₄)

≤0.02%

Arsenic (As)

≤0.0001%
