

# Specification

## Technical Data Sheet

<b>Product Name</b>	L-Lysine monohydrochloride
<b>Product No</b>	11195192
<b>CAS Number</b>	657-27-2
<b>Storage Temperature</b>	Ambient
<b>Molecular Weight</b>	182.65
	<b>Specification</b>
<b>Appearance</b>	White crystalline powder
<b>Heavy metals</b>	≤0.0015%
<b>Identification</b>	Conforms to reference
<b>Loss on Drying</b>	≤0.40%
<b>Specific rotation</b>	+20.4 to +21.4°
<b>Assay</b>	98.5 - 101.5%
<b>Chloride (Cl)</b>	19.0 - 19.6%

## Specification

---

**Iron (Fe)**  $\leq 0.003\%$

---

**Residue on Ignition**  $\leq 0.10\%$

---

**Sulphate (SO<sub>4</sub>)**  $\leq 0.03\%$

---