

# Specification

## Technical Data Sheet

<b>Product Name</b>	Netilmicin sulfate
<b>Product No</b>	53441667
<b>CAS Number</b>	56391-57-2
<b>Storage Temperature</b>	2 to 8 °C
<b>Molecular Weight</b>	720.78
	<b>Specification</b>
<b>Appearance</b>	White to pale yellow powder
<b>Heavy metals</b>	≤ 30ppm
<b>Loss on Drying</b>	≤ 15.0%
<b>pH</b>	3.5 - 5.5
<b>Specific rotation</b>	+88 to +96°
<b>Assay</b>	95.0 - 102.0% (Anhydrous)
<b>Bacterial endotoxins</b>	≤0.5EU/mg

## Specification

---

**Residue on Ignition**

$\leq 1.0\%$

---

**Total Impurities**

$\leq 5.0\%$

---

**Any individual impurity**

$\leq 1.0\%$

---

**Assay (dried basis)**

$\geq 595\mu\text{g}/\text{mg}$

---