

# Specification

## Technical Data Sheet

<b>Product Name</b>	Sparfloxacin
<b>Product No</b>	48237696
<b>CAS Number</b>	110871-86-8
<b>Storage Temperature</b>	2 to 8 °C
<b>Molecular Weight</b>	392.40
	<b>Specification</b>
<b>Appearance</b>	Yellow crystalline powder
<b>Conclusion</b>	Conforms to CP standard
<b>Heavy metals</b>	≤ 20ppm
<b>Loss on Drying</b>	≤ 2.0%
<b>Residual Solvents (Pyridine)</b>	≤ 0.02%
<b>Residual Solvents (Toluene)</b>	≤ 0.089%

## Specification

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**Residual Solvents  
(Trichloromethane)**  $\leq 0.006\%$

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**Residue on Ignition**  $\leq 0.2\%$

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**Total Impurities**  $\leq 1.0\%$

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**Assay (dry basis)** 98.0 - 102.0%

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**Identification (HPLC)** Conforms to structure

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**Identification (IR)** Conforms to structure

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**Max Single Impurity**  $\leq 0.5\%$

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