

# Specification

## Technical Data Sheet

<b>Product Name</b>	Sildenafil citrate
<b>Product No</b>	82714520
<b>CAS Number</b>	171599-83-0
<b>Storage Temperature</b>	Ambient
<b>Molecular Weight</b>	666.70
	<b>Specification</b>
<b>Appearance</b>	White powder
<b>Heavy metals</b>	≤20ppm
<b>Loss on Drying</b>	≤2.0%
<b>Melting Point</b>	182 - 196 °C
<b>Solubility</b>	Freely soluble in Dimethyl Formamide, soluble in glacial acetic acid
<b>Sulfated ash</b>	≤0.2%

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<b>Total Impurities</b>	≤1.5%
<b>Assay HPLC</b>	98.0 - 101%
<b>Citric acid</b>	28.0 - 32.0%

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