

# Specification

## Technical Data Sheet

<b>Product Name</b>	Kanamycin acid sulfate
<b>Product No</b>	24757506
<b>CAS Number</b>	64013-70-3
<b>Storage Temperature</b>	2 to 8 °C
<b>Molecular Weight</b>	680.65
	<b>Specification</b>
<b>Appearance</b>	Almost White crystalline powder
<b>Identification</b>	Conforms to reference
<b>Loss on Drying</b>	≤5.0%
<b>pH</b>	5.5 - 8.5
<b>Specific optical rotation</b>	+103 to +123°
<b>Sulfate</b>	15 - 26%
<b>Sulfated ash</b>	≤0.5%

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**Assay (dried basis)**  $\geq 670\text{IU/mg}$

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**Kanamycin B**  $\leq 4\%$

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