


Specification

**Kanamycin Sulfate (Ph. Eur., BP) pure, pharma grade**

**A4789**

<b>Physical Description:</b>	Solid
<b>Product Code:</b>	A4789
<b>Product Name:</b>	Kanamycin Sulfate (Ph. Eur., BP) pure, pharma grade
<b>Specifications:</b>	<p>Assay (dried subst.): min. 750 I.U./mg  <math>\alpha_{20^{\circ}\text{C}/\text{D}}</math>; 1 %, H<sub>2</sub>O, dried subst.: +112° - +123°            pH (1 %; H<sub>2</sub>O; 25°C): 6.5 - 8.5            Loss on drying (0.67 kPa; 3 h; 60°C): max. 1.5 %            Sulfated ash: max. 0.5 %            Identity: passes test            Abnormal toxicity: passes test            Kanamycin B: max. 4.0 %            Sulfate (dried subst.): 15.0 - 17.0 %</p>
<b>Hazard pictograms</b>	
<b>WGK:</b>	1
<b>Storage:</b>	RT
<b>Signal Word:</b>	Danger
<b>GHS Symbols:</b>	GHS08
<b>H Phrases:</b>	H360D
<b>P Phrases:</b>	<p>P201            P202            P280            P308+P313            P405            P501</p>

**Molecular Formula:**

$\text{C}_{18}\text{H}_{36}\text{N}_4\text{O}_{11} \cdot \text{H}_2\text{SO}_4 \cdot \text{H}_2\text{O}$

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<b>CAS:</b>	5965-95-7
<b>CS:</b>	29419000
	

**AppliChem GmbH**

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