


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</p> <p>Sulfated ash: max. 0.5 %</p> <p>Identity: passes test</p> <p><math>\alpha_{20^{\circ}\text{C/D}}</math>; 1 %, H<sub>2</sub>O, dried subst.: +112° - +123°</p> <p>pH (1 %; H<sub>2</sub>O; 25°C): 6.5 - 8.5</p> <p>Loss on drying (0.67 kPa; 3 h; 60°C): max. 1.5 %</p> <p>Abnormal toxicity: passes test</p> <p>Kanamycin B: max. 4.0 %</p> <p>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>	H360
<b>P Phrases:</b>	P201 P308+P313
<b>Molecular Formula:</b>	C <sub>18</sub> H <sub>36</sub> N <sub>4</sub> O <sub>11</sub> · H <sub>2</sub> SO <sub>4</sub>
<b>M:</b>	582.58 g/mol

**AppliChem GmbH**

Ottoweg 4 • D-64291 Darmstadt • Phone +49 6151 9357 0 • Fax +49 6151 9357 11 • [info.de@itwreagents.com](mailto:info.de@itwreagents.com) • [www.itwreagents.com](http://www.itwreagents.com)  
 CEO Joan Roget • Commerzbank Darmstadt • Bank 508 800 50 • Account 0186989900 IBAN DE24 5088 0050 0186 9899 00 • Swiftcode  
 DRESDEFF508 • Finanzamt Darmstadt 07 228 16476 • Register court Darmstadt HRB Nr. 7340

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<b>CAS:</b>	25389-94-0
<b>CS:</b>	29419000
	

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Ottoweg 4 • D-64291 Darmstadt • Phone +49 6151 9357 0 • Fax +49 6151 9357 11 • [info.de@itwreagents.com](mailto:info.de@itwreagents.com) • [www.itwreagents.com](http://www.itwreagents.com)  
CEO Joan Roget • Commerzbank Darmstadt • Bank 508 800 50 • Account 0186989900 IBAN DE24 5088 0050 0186 9899 00 • Swiftcode DRESDEFF508 • Finanzamt Darmstadt 07 228 16476 • Register court Darmstadt HRB Nr. 7340