


Specification

**Gentamycin Sulfate (Ph. Eur.) pure, pharma grade**

**A4854**

<b>Physical Description:</b>	Solid
<b>Product Code:</b>	A4854
<b>Product Name:</b>	Gentamycin Sulfate (Ph. Eur.) pure, pharma grade
<b>Headline Comment:</b>	* We hereby confirm that the above lot is tested according EP 4.00.
<b>Specifications:</b>	<p>Activity (anhydrous substance): min. 590 I.U./mg</p> <p>pH (4 %; H<sub>2</sub>O): 3.5 - 5.5</p> <p>Spec. rotation (10 %; H<sub>2</sub>O; anhydrous substance): +107° - +121°</p> <p>Sulfated ash: max. 1.0 %</p> <p>Composition (HPLC): passes test</p> <p>Appearance of solution: passes test</p> <p>Identity: passes test</p> <p>Methanol: max. 1.0 %</p> <p>Water (K.F.): max. 15 %</p> <p>Sulfate (anhydrous substance): 32.0 - 35.0 %</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>	<p>H317</p> <p>H334</p>
<b>P Phrases:</b>	P261


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**Gentamycin Sulfate (Ph. Eur.) pure, pharma grade**

**A4854**

	P280 P342+P311
<b>Molecular Formula:</b>	$C_{19-21}H_{39-43}N_5O_7 \cdot 2,5H_2SO_4$
<b>M:</b>	694.75 - 723.75 g/mol
<b>CAS:</b>	1405-41-0
<b>EINECS:</b>	215-778-9
<b>CS:</b>	29419000
	

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