


Specification

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

A4854

Physical Description:	Solid
Product Code:	A4854
Product Name:	Gentamycin Sulfate (Ph. Eur.) pure, pharma grade
Headline Comment:	* We hereby confirm that the above lot is tested according EP 4.00.
Specifications:	<p>Activity (anhydrous substance): min. 590 I.U./mg</p> <p>Appearance of solution: passes test</p> <p>Identity: passes test</p> <p>pH (4 %; H₂O): 3.5 - 5.5</p> <p>Spec. rotation (10 %; H₂O; anhydrous substance): +107° - +121°</p> <p>Sulfated ash: max. 1.0 %</p> <p>Composition (HPLC): 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>
Hazard pictograms	
WGK:	1
Storage:	RT
Signal Word:	Danger
GHS Symbols:	GHS08
H Phrases:	H317 H334
P Phrases:	P261


AppliChem GmbH

Ottoweg 4 • D-64291 Darmstadt • Phone +49 6151 9357 0 • Fax +49 6151 9357 11 • info.de@itwreagents.com • 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

Specification

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

A4854

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

AppliChem GmbH

Ottoweg 4 • D-64291 Darmstadt • Phone +49 6151 9357 0 • Fax +49 6151 9357 11 • info.de@itwreagents.com • 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