

# CERTIFICATE OF ANALYSIS

Product : **NEOMYCIN SULPHATE**  
Product number : M0135  
Batch number : 016027  
Date of analysis : 12-05-2020  
Expiry date : 31-03-2023

Packaging and storage : store at room temperature in a well-closed container

	<b>SPECIFICATION</b>	<b>RESULT</b>	<b>UNITS</b>	<b>REMARKS</b>
Appearance	white or yellowish-white powder	complies		hygroscopic
Solubility	soluble in water			20°C / 300 g/l
Identification:				
- A (HPLC)	conform	complies		
- B (sulphate)	conform	complies		
pH	5.0 – 7.5	6.2		1% in H <sub>2</sub> O
Specific optical rotation	+53.5 – +59.0	+57.1	°	10% in H <sub>2</sub> O, dried substance
Related substances:				HPLC
- Neamine	≤ 2.0	< 1.0	%	
- Neomycin C	3.0 – 15.0	10.0	%	
- any other impurity	≤ 5.0	< 2.4	%	
- total of other impurities	≤ 15.0	3.8	%	
Sulphate	27.0 – 31.0	27.8	%	dried substance
Loss on drying	≤ 8.0	6.5	%	3 h, 60°C, P <sub>2</sub> O <sub>5</sub> < 0.7 kPa,
Sulphated ash	≤ 1.0	0.4	%	
Assay	≥ 680	724	IU/mg	dried substance

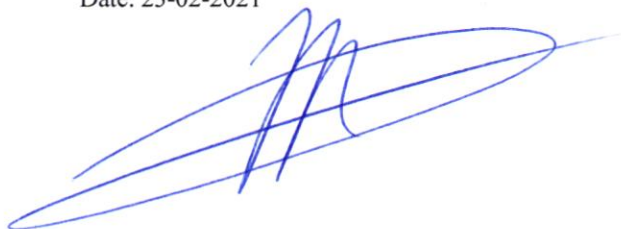
This certificate of analysis is conform the results of the manufacturer.

Conclusion: approved

Released by:

drs. M. van Wissen, pharmacist  
Department of Quality Control Duchefa B.V.

Date: 23-02-2021



The buyer is responsible to test each batch to ensure the product is suitable for their specific purpose.

Duchefa Biochemie B.V.