



## CERTIFICATE OF ANALYSIS

Product : **SPECTINOMYCIN DIHYDROCHLORIDE PENTAHYDRATE**  
Product number : S0188  
Batch number : 017253  
Manufacturing date : 11-07-2022  
Expiry date : 31-07-2025  
  
Storage conditions : store dry at 2 – 8 °C

Description	SPECIFICATION	RESULT	UNITS	REMARKS
Solubility	white or almost white powder freely soluble in water, very slightly soluble in alcohol	complies complies		slightly hygroscopic
Identification:				
- IR spectrum	conform	complies		
- chloride	conform	complies		
Appearance of solution	clear and colourless	complies		
pH	3.8 – 5.6	4.0		
Specific optical rotation	+15.0 – +21.0	+17.9	°	
Related substances	conform	complies		
Water	16.0 – 20.0	18.1	%	
Sulphated ash	≤ 1.0	0.13	%	
Assay	93.0 – 102.0	96.9	%	dried substance

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

Conclusion: approved

Released by:

J. van der Eem, MSc, pharmacist  
Department of Quality Control Duchefa B.V.

Date: 06-09-2022

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

Duchefa Biochemie B.V.