

## CERTIFICATE OF ANALYSIS

Product : **SPECTINOMYCIN DIHYDROCHLORIDE PENTAHYDRATE**  
 Product number : S0188  
 Batch number : 018078  
 Manufacturing date : 20-08-2023  
 Expiry date : 31-08-2026

Storage conditions : store dry at 2 – 8 °C

	SPECIFICATION	RESULT	UNITS	REMARKS
Description	white or almost white powder	complies		slightly hygroscopic
Solubility	freely soluble in water, very slightly soluble in alcohol	complies		
Identification:				
- IR spectrum	conform	complies		
- chloride	conform	complies		
Appearance of solution	clear and colourless	complies		
pH	3.8 – 5.6	4.1		
Specific optical rotation	+15.0 – +21.0	+18.2	°	
Related substances	conform	complies		
Water	16.0 – 20.0	18.4	%	
Sulphated ash	≤ 1.0	0.29	%	
Assay	93.0 – 102.0	97.2	%	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: 24-10-2023

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

Duchefa Biochemie B.V.