



CERTIFICATE OF ANALYSIS

Product : **SPECTINOMYCIN DIHYDROCHLORIDE PENTAHYDRATE**
Product number : S0188
Batch number : 018358
Manufacturing date : 05-12-2023
Expiry date : 31-12-2026

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	4.9		
Specific optical rotation	+15.0 – +21.0	+18.5	°	
Related substances	conform	complies		
Water	16.0 – 20.0	17.9	%	
Sulphated ash	≤ 1.0	0.31	%	
Assay	93.0 – 102.0	96.7	%	dried substance

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

Conclusion: approved

Released by:

Q. de Hoog, MSc, pharmacist
Department of Quality Control Duchefa B.V.

Date: 28-02-2024

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

Duchefa Biochemie B.V.