

CERTIFICATE OF ANALYSIS

Product : **TETRACYCLINE HYDROCHLORIDE**
 Product number : T0150
 Batch number : 018861
 Date of analysis : 20-08-2024
 Expiry date : 31-08-2028

Packaging and storage : store in a well-closed container, protected from light

	SPECIFICATION	RESULT	UNITS	REMARKS
Appearance	yellow crystalline powder	complies		
Solubility	soluble in water	complies		
Identification	conform	complies		
pH	1.8 – 2.8	2.6		1.0% in H ₂ O
Specific optical rotation	-240 – -255	-245	°	1% in 0.1N HCl dried substance
Related substances	conform	complies		HPLC
Loss on drying	≤ 2.0	0.46	%	
Sulphated ash	≤ 0.5	0.02	%	
Assay	95.0 – 102.0	98.0	%	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: 01-11-2024

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

Duchefa Biochemie B.V.