

## CERTIFICATE OF ANALYSIS

Product : **CHLORTETRACYCLINE HYDROCHLORIDE**  
 Product number : C0116  
 Batch number : 014587  
 Date of analysis : 23-07-2019  
 Expiry date : 30-11-2022

Packaging and storage : store in a well-closed container, protected from light at a temperature of 2 – 8 °C

	SPECIFICATION	RESULT	UNITS	REMARKS
Appearance	yellow powder	complies		
Solubility	slightly soluble in water and alcohol, soluble in solutions of alkali hydroxides and carbonates	complies		
Specific rotation	-235 – -250	complies	°	
pH	2.3 – 3.3	2.65		1% in H <sub>2</sub> O
Absorbance	≤ 0.40	complies		E <sub>460</sub> , 0.5% in H <sub>2</sub> O
Related substances	conform	complies		HPLC
Loss on drying	≤ 1.0	0.45	%	
Assay	≥ 98.5	99.2	%	

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

This batch has been checked according to Ph.Eur. by Synergy Health B.V. Utrecht, The Netherlands and has been approved by dr. J.C. Hoogvliet, pharmacist. Date: 23-07-2019

	SPECIFICATION	RESULT	UNITS	REMARKS
Appearance	yellow powder	complies		
Identification:				
- A (TLC)	conform	complies		
- B (colour reaction)	conform	complies		
- C (chloride)	conform	complies		

Conclusion: approved

Released by:

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

  
Date: 24-07-2019

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