

## CERTIFICATE OF ANALYSIS

Product : **CHLORTETRACYCLINE HYDROCHLORIDE**  
 Product number : C0116  
 Batch number : 015752  
 Manufacturing date : 02-01-2020  
 Expiry date : 31-01-2025

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		
Appearance of solution	clear, yellow to dark yellow-brown solution	complies		5% in 1M NaOH
Specific optical rotation	-235 – -250	-241	°	C=0.25, in H <sub>2</sub> O
pH	2.3 – 3.3	2.56		1% in H <sub>2</sub> O
Tetracycline HCl	≤ 8.0	5.3	%	HPLC
Loss on drying	≤ 2.0	0.5	%	
Assay	≥ 89.5	91.5	%	anhydrous substance

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

Conclusion: approved  
 Released by:

drs. M. van Wissen, pharmacist.  
 Department of Quality Control Duchefa B.V.

Date: 14-10-2020



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

Duchefa Biochemie B.V.