

## CERTIFICATE OF ANALYSIS

Product : **CHLORTETRACYCLINE HYDROCHLORIDE**  
Product number : C0116  
Batch number : 017162  
Manufacturing date : 22-06-2020  
Expiry date : 30-06-2025

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

	<b>SPECIFICATION</b>	<b>RESULT</b>	<b>UNITS</b>	<b>REMARKS</b>
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	-247	°	C=0.25, in H <sub>2</sub> O
pH	2.3 – 3.3	2.47		1% in H <sub>2</sub> O
Tetracycline HCl	≤ 8.0	4.52	%	HPLC
Loss on drying	≤ 2.0	0.46	%	
Assay	≥ 89.5	92.34	%	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: 12-07-2022



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

Duchefa Biochemie B.V.