

## CERTIFICATE OF ANALYSIS

Product : **COLCHICINE**  
 Product number : C1305  
 Batch number : 017610  
 Quality : USP  
 Date of production : xx-01-2023  
 Date of analysis : 27-01-2023  
 Date of expiry : 31-12-2027

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

	<b>SPECIFICATION</b>	<b>RESULT</b>	<b>UNITS</b>	<b>REMARKS</b>
Appearance	pale yellow to pale greenish-yellow amorphous or crystalline powder	complies		
Solubility	soluble in water, freely soluble in alcohol and chloroform, slightly soluble in ether	complies		
Identification	conform	complies		IR-spectrum
Specific optical rotation	-240 – -250	-248.37	°	
Water	≤ 2.00	1.01	%	Karl Fischer
Limit of colchicine	conform	complies		
Limit of ethylacetate	≤ 8.00	6.45	%	
Sum of all impurities	≤ 5.00	1.72	%	
Chloroform	≤ 100	Not detected	ppm	residual solvent
Methylene chloride	≤ 600	< 197	ppm	residual solvent
Methanol	≤ 3000	50	ppm	residual solvent
Assay	≥ 94.00-101.00	99.60	%	anhydrous substance

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

Conclusion: approved

Released by:

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

Date: 10-03-2023



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

Duchefa Biochemie B.V.