

## CERTIFICATE OF ANALYSIS

Product : **COLCHICINE**  
 Product number : C1305  
 Batch number : 017497  
 Quality : USP  
 Date of production : xx-05-2022  
 Date of analysis : 24-05-2022  
 Date of expiry : 30-04-2027

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

	SPECIFICATION	RESULT	UNITS	REMARKS
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	-243.90	°	
Water	≤ 2.00	1.14	%	Karl Fischer
Limit of colchicine	conform	complies		
Limit of ethylacetate	≤ 8.00	4.62	%	
Sum of all impurities	≤ 5.00	2.35	%	
Chloroform	≤ 100	Not detected	ppm	residual solvent
Methylene chloride	≤ 600	< 541	ppm	residual solvent
Methanol	≤ 3000	142	ppm	residual solvent
Assay	≥ 94.00-101.00	97.34	%	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: 17-01-2023



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

Duchefa Biochemie B.V.