

## CERTIFICATE OF ANALYSIS

Product : **COLCHICINE**  
 Product number : C1305  
 Batch number : 015847  
 Quality : USP  
 Date of production : xx-11-2020  
 Date of analysis : 19-11-2020  
 Date of expiry : 31-10-2025

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	-243.54	°	
Water	≤ 2.0	0.38	%	Karl Fischer
Limit of colchicine	conform	complies		
Limit of ethylacetate	≤ 8.0	5.31	%	
Sum of all impurities	≤ 5.0	2.57	%	
Chloroform	≤ 100	not detected	ppm	residual solvent
Methylene chloride	≤ 600	150	ppm	residual solvent
Methanol	≤ 3000	128	ppm	residual solvent
Assay	94.0 – 101.0	98.32	%	anhydrous substance

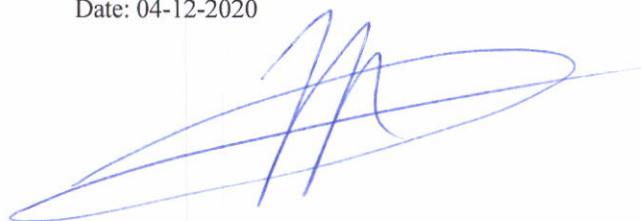
This certificate of analysis is conform the results of the manufacturer.

Conclusion: approved

Released by:

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

Date: 04-12-2020



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

Duchefa Biochemie B.V.