

## CERTIFICATE OF ANALYSIS

Product : **COLCHICINE**  
 Product number : C1305  
 Batch number : 015149  
 Quality : USP NF  
 Date of production : xx-12-2019  
 Date of analysis : 26-12-2019  
 Date of expiry : 31-12-2024

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	-247.81	°	
Water	≤ 2.0	0.67	%	Karl Fischer
Limit of colchicine	conform	complies		
Limit of ethylacetate	≤ 8.0	4.53	%	
Sum of all impurities	≤ 5.0	0.15	%	
Chloroform	≤ 100	not detected	ppm	residual solvent
Methylene chloride	≤ 600	173	ppm	residual solvent
Methanol	≤ 3000	156	ppm	residual solvent
Assay	94.0 – 101.0	98.01	%	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: 20-01-2020



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

Duchefa Biochemie B.V.