

CERTIFICATE OF ANALYSIS

Product : **COLCHICINE**
 Product number : C1305
 Batch number : 016600
 Quality : USP
 Date of production : xx-07-2021
 Date of analysis : 03-11-2021
 Date of expiry : 31-07-2026

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	-243.3	°	
Water	≤ 2.0	0.6	%	Karl Fischer
Limit of colchicine	conform	complies		
Limit of ethylacetate	≤ 8.0	4.5	%	
Sum of all impurities	≤ 5.0	2.3	%	
Chloroform	≤ 60	< 15	ppm	residual solvent
Methylene chloride	≤ 500	< 18	ppm	residual solvent
Assay	94.0 – 101.0	97.7	%	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: 22-11-2021



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

Duchefa Biochemie B.V.