



CERTIFICATE OF ANALYSIS

Product : **COLCHICINE**
Product number : C1305
Batch number : 014648
Quality : USP NF
Date of production : xx-04-2019
Date of analysis : 25-04-2019
Date of expiry : 30-04-2024

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	-244.44	°	
Water	≤ 2.0	0.58	%	Karl Fischer
Limit of colchicine	conform	complies		
Limit of ethylacetate	≤ 8.0	5.38	%	
Sum of all impurities	≤ 5.0	0.52	%	
Chloroform	≤ 100	not detected	ppm	residual solvent
Methylene chloride	≤ 600	43	ppm	residual solvent
Methanol	≤ 3000	164	ppm	residual solvent
Assay	94.0 – 101.0	99.95	%	anhydrous substance

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

Conclusion: approved

Released by:

drs. J. van der Eem, pharmacist
Department of Quality Control Duchefa B.V.

Date: 11-12-2019

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

Duchefa Biochemie B.V.

