



CERTIFICATE OF ANALYSIS

Product : **COLCHICINE**
Product number : C1305
Batch number : 019528
Date of production : xx-06-2025
Date of analysis : 08-07-2025
Date of expiry : 31-05-2030

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

	SPECIFICATION	RESULT	UNITS	REMARKS
Appearance	yellowish white, amorphous or crystalline powder	complies		
Solubility	very soluble in water, rapidly recrystallizing from concentrated solutions as the sesquihydrate, freely soluble in ethanol (96%), practically insoluble in cyclohexane	complies		
Identification:	conform	complies		
- A (IR-spectrum)	conform	complies		
- B (TLC)	conform	complies		
Appearance of solution	clear and colour \leq ref.sol. GY ₃	complies		
Specific optical rotation	-235 – -250	-247.5	°	anhydrous substance
Water	\leq 2.0	1.03	%	
Limit of colchicine	\leq 0.2	complies	%	
Limit of ethylacetate	\leq 6.0	4.46	%	
Residual solvents:				
- Chloroform	\leq 100	not detected	ppm	
- Methylene chloride	\leq 600	not detected	ppm	
- Methanol	\leq 3000	not detected	ppm	
Assay	97.0 – 102.0	99.88	%	anhydrous substance

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

Conclusion: approved

Released by:

Date: 17-09-2025

Q. de Hoog, MSc, pharmacist
Department of Quality Control Duchefa Biochemie B.V.

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

Duchefa Biochemie B.V.