

## Certificate of Analysis

Productname: **Dexpanthenolum**

Inspection No: I06474/0921/536  
 Batchnumber: **20K23-T01-089554**  
 Expiration date: 12.07.2023  
 Analysed according to: ČL 2017, Ph.Eur.10.0  
 Original Manuf. Date: 12.7.2020

Sample Unit: 1 x 30 g  
 Batch Size: 104 x 25 g

Identification of producer: V01538  
 Batch no. of vendor: TL02007082

	Requirement	Result	Unit	Standard remark	Insp. Site
CHARACTERS					
Appearance	A colourless or slightly yellowish, viscous hygroscopic liquid, or a white or almost white, crystalline powder.	Conform			Fagron CZ
Solubility	Conform	Conform			Fagron CZ
IDENTIFICATION					
Identification A	+29,0 - +32,0	+30,1		Specific optical rotation (anhydrous)	Fagron CZ
Identification B	Conform	Conform		IR-spectrum	Fagron CZ
TESTS					
Appearance of solution	Clear / ≤B6	Conform		5% <i>m/V</i>	Fagron CZ
pH	≤10,5	9,91		5% <i>m/V</i>	Fagron CZ
Specific optical rotation	+29,0 - +32,0	+30,1		anhydrous	Fagron CZ
3-Aminopropanol	≤0,5	<0,5	%	TLC	Fagron CZ
Water	≤1,0	0,13	%	Karl Fischer	Fagron CZ
Sulfated ash	≤0,1	0,0	%		Fagron CZ
Microbiology	Conform	Conform			Contract Lab
TAMC	≤2 x 10 <sup>3</sup>	Conform	CFU/g		Contract Lab
TYMC	≤2 x 10 <sup>2</sup>	Conform	CFU/g		Contract Lab
TSE/BSE	No contamination with TSE/BSE-risk materials.	Conform			Data Producer
Residual solvents	CPMP/ICH/82 260/2006	Conform			Data Producer
Metallic residues	ICH Q3D on elemental impurities	Conform			Data Producer
ASSAY					
Dexpanthenol	98,0 - 101,0	98,9	%	Anhydrous	Fagron CZ

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**Performed by:** Bc. Andrea Šmídová

**Responsible:** Ing. Mgr. Kateřina Jokešová, QC  
Ing. Martina Zemanová, QP

**Date:** 23.08.2021

**Conclusion:** **APPROVED**

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