



Certificate of Analysis

Productname: **Macrogolum 400**

Inspection No: K01704/0523/536
Batchnumber: **23B28-T01-102619**
Expiration date: 16.01.2025
Analysed according to: Ph.Eur.11.0
Original Manuf. Date: 16.1.2023

Sample Unit: 1 x 50 ml
Batch Size: 177 x 100 ml

Identification of producer: V01621
Batch no. of vendor: 02303001

	Requirement	Result	Unit	Standard remark	Insp. Site
CHARACTERS					
Appearance	Clear, viscous, (almost) colorless hygroscopic liquid.	Conform			Fagron CZ
Solubility	Conform	Conform			Fagron CZ
IDENTIFICATION					
Identification A	Conform	Conform		Viscosity	Fagron CZ
kinematic	94 - 116	106	mm ² .s-1		Fagron CZ
dynamic	105 - 130	119	mPa.s	20°C	Fagron CZ
Identification B	Conform	Conform		White precipitate	Fagron CZ
Identification C	Conform	Conform		Blue liquid phase	Fagron CZ
TESTS					
Appearance of solution	Clear/ <=BY6	Conform			Fagron CZ
Acidity or alkalinity	<=0,1	0,05	ml	0,1 mol/l NaOH	Fagron CZ
Viscosity	Conform	Conform			Fagron CZ
kinematic	94 - 116	106	mm ² .s-1		Fagron CZ
dynamic	105 - 130	119	mPa.s	20°C	Fagron CZ
Hydroxyl value	264 - 300	281			Fagron CZ
Reducing substances	<=R3	Conform			Fagron CZ
Formaldehyde	<=30	<30	ppm		Fagron CZ
(Di-)ethyleneglycol	<=0,4	<0,4	%		Contract Lab
Ethylene oxide	<=1	<0,3	ppm		Contract Lab
Dioxan	<=10	<4	ppm		Contract Lab
Water (Karl Fischer)	<=2,0	0,096	%		Fagron CZ
Sulfated ash	<=0,2	0,02	%		Fagron CZ
Microbiology	Conform	Conform			Contract Lab
TAMC	<=2 x 10 ³	<10	CFU/g		Contract Lab
TYMC	<=2 x 10 ²	<10	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

Quality: Excipient

Name	Fagron a.s. (CZ)	Address	Holická 1098/31m, Olomouc	Phone No.	+420585222590
	Kontrolní laboratoř č. 536	Post Code	779 00	Fax No.	+420 585 226 521

Performed by: Ing. Petra Drábková

Responsible: Mgr. Zdeňka Šinclová, QC
MVDr. Zdenka Borská, QP

Date: 05.05.2023

Conclusion: **APPROVED**

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