



## Certificate of Analysis

**Productname:** DIMETHYLSULFOXIDE

**Inspection No:** J09236/0922/536

**Batchnumber:** 22I26-T10-097563

**Expiration date:** 31.08.2025

**Analysed according to:** ČL 2017-Dopl.2021, Ph.Eur. 10.3

**Original Manuf. Date:** 26.8.2022

**Sample Unit:** 1 x 5 ml

**Batch Size:** 83 x 250 ml

**Identification of producer:** V01106

**Batch no. of vendor:** 97618

	Requirement	Result	Unit	Standard remark	Insp. Site
CHARACTERS					
Appearance	Colourless liquid or colourless crystals, hygroscopic.	Conform			Contract Lab
Solubility	Conform	Conform			Contract Lab
IDENTIFICATION					
Identification C	Conform	Conform		IR-spectrum	Contract Lab
TESTS					
Acidity	<= 5,0	1,0	ml	0,01 M NaOH	Contract Lab
Relative density	1,100 - 1,104	1,102			Contract Lab
Refractive index	1,478 - 1,480	1,479			Contract Lab
Freezing point	>=18,3	+18,4	°C		Contract Lab
Absorbance 275 nm	<= 0,30	0,21			Contract Lab
Absorbance 285 nm	<= 0,20	0,14			Contract Lab
Absorbance 295 nm	<= 0,20	0,11			Contract Lab
Absorbance at 270-350 nm	No absorption max. observed	Conform			Contract Lab
Related substances	Conform	Conform		GC	Contract Lab
Unspecified impurities	<= 0,10	<0,05	%		Contract Lab
Total impurities	<=0,15	<0,05	%		Contract Lab
Water	<=0,2	0,050	%		Contract Lab
Microbiology	Conform	Conform			Contract Lab
TAMC	<=2 x 103	<10	CFU/g		Contract Lab
TYMC	<=2 x 102	<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

**Performed by:** Ekocentrum

**Responsible:** Ing. Pavel Mišák, QC  
MVDr. Zdenka Borská, QP

**Date:** 24.10.2022

**Conclusion:** **APPROVED**

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