



## Certificate of Analysis

**Productname:** DIMETHYLSULFOXIDE

**Inspection No:** I01129/0221/536  
**Batchnumber:** 21A12-T06-081419  
**Expiration date:** 21.01.2024  
**Analysed according to:** Ph.Eur.10.3  
**Original Manuf. Date:** 21.1.2020

**Sample Unit:** 1 x 5 ml  
**Batch Size:** 591 x 100 ml

**Identification of producer:** V01458  
**Batch no. of vendor:** USP200117

	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	1,6	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	0,18			Contract Lab
Absorbance 285 nm	<= 0,20	0,10			Contract Lab
Absorbance 295 nm	<= 0,20	0,07			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	0,1	%		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

**Performed by:** External/Ekocentrum

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

**Date:** 16.02.2021

**Conclusion:** **APPROVED**

This document has been produced electronically from our quality system and is valid without signature.