



## Certificate of Analysis

**Productname:** DIMETHYLSULFOXIDE

**Inspection No:** I09966/0122/536  
**Batchnumber:** 21I06-T01-091804  
**Expiration date:** 31.03.2025  
**Analysed according to:** Ph.Eur.10.3  
**Original Manuf. Date:** 16.3.2021

**Sample Unit:** 1 x 5 ml  
**Batch Size:** 75 x 1 l

**Identification of producer:** V01458  
**Batch no. of vendor:** USP210312

	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	0,7	ml	0,01 M NaOH	Contract Lab
Relative density	1,100 - 1,104	1,102			Contract Lab
Refractive index	1,478 - 1,480	1,478			Contract Lab
Freezing point	>=18,3	18,4	°C		Contract Lab
Absorbance 275 nm	<= 0,30	0,11			Contract Lab
Absorbance 285 nm	<= 0,20	0,05			Contract Lab
Absorbance 295 nm	<= 0,20	0,03			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:** Ekocentrum

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

**Date:** 19.01.2022

**Conclusion:** **APPROVED**

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