

**Scharlab S.L.**

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CERTIFICATE OF ANALYSIS

Product	Dimethyl sulfoxide, Pharmapur®, Ph Eur, USP	Batch	20577402
SU0151		Quality release date	20/02/2020
		Expiry date	02/2025

Analysis	Batch value	Specifications
Assay	99,99 %	≥ 99,9
Identification	passes test	passes test
Density (20°/20°)	1,1027 g/mL	1,100 - 1,104
Density (25°/25°)	1,0990 g/mL	1,095 - 1,101
Refractive index n20/D	1,4790	1,478 - 1,480
Refractive index n25/D	1,4760	1,4755 - 1,4775
Acidity	passes test	passes test
Freezing point	min. 18,3 °C	min. 18,3
Related substances	< 0,1 %	≤ 0,1
Residue on evaporation	0,0003 %	≤ 0,01
Water (K.F.)	0,0130 %	≤ 0,1
UV Spectroscopy in a 1,0 cm cell:		
max. absorbance at 275 nm	0,185 AU	≤ 0,20
max. absorbance at 285 nm	0,103 AU	≤ 0,20
max. absorbance at 295 nm	0,064 AU	≤ 0,20
Absorbance ratio 285/275 nm	< 0,650	≤ 0,65
Absorbance ratio 295/275 nm	< 0,450	≤ 0,45
Absorbance 270 - 350 nm	passes test	passes test

Residual solvents are analysed according to guideline CPMP/ICH/283/95.

Elemental impurities are analysed according to guideline CHMP/ICH/353369/2013.

This product is intended to be suitable for the manufacture of pharmaceuticals, medical devices, cosmetics and food products, but is entirely under the user's responsibility.