

## ANALYSIS CERTIFICATE

CODE: **361954**

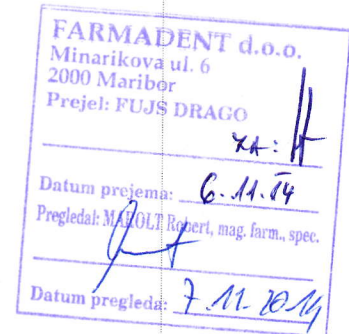
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PRODUCT:

**Dimethyl Sulphoxide (UV-IR-HPLC-GPC) PAI**

ISSUE DATE: 24/04/2014

RETEST DATE: 04/2018



SPECIFICATIONS	GUARANTEE VALUE	ACTUAL VALUE
Minimum assay (G.C.)	99,9%	99,9%
MAXIMUM LIMIT OF IMPURITIES		
APHA colour	10	<10
Acidity	0,0005 meq/g	<0,0005 meq/g
Alkalinity	0,0002 meq/g	<0,0002 meq/g
Non-volatile matter	0,001 %	<0,001 %
Water (H <sub>2</sub> O)	0,05 %	0,0047 %
Suitability for IR spectrometry:	Passes test	Passes test

UV Spectrum(1cm cell; Ref.:water)

L (nm)	265 (Cut off)	270	280	290	310	330	350-450		
A (UA)	<1,0	<0,523	<0,201	<0,155	<0,097	<0,025	<0,009		
T (%)	22	44	65	72	84	95	100		

Fluorescence (as quinine):

L (nm)	365								
A (ppb)	<7								

Data of interest in HPLC

Rohrschneider Polarity	7,2	7,2
Eluotropic value e° (Al <sub>2</sub> O <sub>3</sub> )	0,75	0,75
Sol. H <sub>2</sub> O in solv. at 20°C	miscible	miscible

For critical jobs, purge with nitrogen.

Microfiltered product (0,2 µm) and bottled under nitrogen atmosphere.

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