

AppliChem **Panreac**
JTW Companies

ANALYSIS CERTIFICATE

CODE: **361954**

BATCH: 0000416758 ✓

PRODUCT:

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

ISSUE DATE: 08/11/2012

EXPIRY DATE: 11/2016 ✓

FARMADENT d.o.o.

Minarikova ul. 6

2000 Maribor

Prejel: FUJS DRAGO

Datum prejema: 29.5.14

Pregledal: MAROLT Robert, mag. farm., spec.

Datum pregleda: 29.5.2014

SPECIFICATIONS

Minimum assay (G.C.)

QUARANTEE VALUE

99.9%

ACTUAL VALUE

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 %

0,0006 %

Water (H₂O)

0,1 %

0,04 %

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	<0,301	<0,155	<0,097	<0,046	<0,009		
T (%)	> 10	> 30	> 50	> 70	>80	>90	> 98		

Fluorescence (as quinine):

L (nm)	365								
A (mUA)	<7								

Data of interest in HPLC

Rohrschneider Polarity

7,2

7,2

Eluotropic value e° (Al₂O₃)

0,75

0,75

Sol. H₂O in solv. at 20°C

miscible

miscible

For critical jobs, purge with nitrogen.

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

For industrial use we recommend to check out when received.

Panreac Quimica S.L.U.
C/Garraf, 2
Poligono Pla de la Bruguera
E-08211 Castellar del Valles
(Barcelona) España
Tel. (+34) 937 489 400
Fax (+34) 937 489 401
e-mail: central@panreac.com
www.panreac.com



Quality Assurance Director
Director de Garantia Calidad

P. Verge

CODE: **361954** BATCH: 0000416758