

Standard Analysis Certificate

PRODUCT :DIMETHYLSULPHOXIDE RS SPECTROSOL - Reag. Ph.Eur.
CODE :445110

TEST	U.M.	SPECIFICATION
Description	-	Clear colourless liquid
Identification	-	Positive
Density at 20° C	-	1.100 ÷ 1.104
Refractive index at 20°C	-	1.478 ÷ 1.479
Melting point	° C	>= 18.3
Water (K.F.)	ppm	<=500
Residue on evaporation	ppm	<=10
Acidity	meq/g	<=0.0005
Alcalinity	meq/g	<=0.0002
Fluorescence	-	-
at 254 nm	ppb	<=2
at 365 nm	ppb	<=2
U.V. Transmittance	-	-
at 265 nm	%	>= 10
at 275 nm	%	>= 60
At 290 nm	%	>= 71
at 315 nm	%	>= 90
At 340 nm	%	>= 98
UV Absorbance at 262 nm	AU	<= 1.00
UV Absorbance at 270 nm	AU	<= 0.46
UV Absorbance at 290 nm	AU	<= 0.16
UV Absorbance from 340 nm	AU	<= 0.01
Assay (GLC)	%	>=99.8
Dimethylsulphone	%	<= 0.1

Date

:11/01/2020

QUALITY CONTROL RESPONSIBLE
B. COULANGE (VDR)