

# Technical Specification

**PRODUCT : DIMETHYLSULPHOXIDE RS - For Headspace chromatography**

**CODE : 445120**

**MOLECULAR WEIGHT :78.13**

**CAS N° : 67-68-5**

**FORMULA : CH<sub>3</sub>SOCH<sub>3</sub>**

TEST	U.M.	SPECIFICATION
Description	-	Clear liquid
Identification	-	Positive
Density d <sub>20</sub> /4	-	1.100 - 1.104
Refractive index at 20°C	-	1.477 - 1.480
Water (K.F.)	ppm	<= 200
Residue on evaporation	ppm	<= 2
Assay (GC)	%	>= 99.99
UV cut off	nm	<= 265
UV Transmittance	-	-
at 268 nm	%	>= 30
at 275 nm	%	>= 60
at 300 nm	%	>= 85
at 350 nm	%	>= 95
at 400 nm	%	>= 98
GC/HS	-	-
Residual solvent of class 1(acc. to ICH)	µg/g	<= 1
Residual solvent of class 2(acc. to ICH)	µg/g	<= 10
Residual solvent of class 3(acc. to ICH)	µg/g	<= 50

Suitable as solvent for the analysis of residual solvents of ICH classes 1,2 and 3 according to Ph Eur and USP.

It is under the customer responsibility to make sure the purchased product is suitable for his use and/or application.  
 CARLO ERBA Reagents would not be guilty of any misuse or mishandling of any of its products, occurring potential damages or user hurts in case of in