

# Technical Specification

**PRODUCT : DIMETHYLSULFOXIDE RPE - For analysis - ACS - Reag. USP**

**CODE : 445100**

**MOLECULAR WEIGHT :78.13**

**CAS N° : 67-68-5**

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

TEST	U.M.	SPECIFICATION
Description	-	Clear colourless liquid
Identification	-	Positive
Readily carbonizable substances	-	Conform
Density d <sub>20</sub> /4	-	1.096 - 1.106
Refractive index at 20°C	-	1.4765 - 1.4825
Boiling point	°C	188.5 - 189.5
Melting point	°C	18.3 - 18.7
Water (K.F.)	%	<= 0.05
Residue on evaporation	ppm	<= 50
Acidity	meq/g	<=0.001
Chloride	ppm	<= 5
Sulfate	ppm	<= 50
Assay (GC)	%	>= 99.9

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