

# Technical Specification

**PRODUCT : TETRAHYDROFURAN RPE - For analysis - ACS - Reag.Ph.Eur. - Reag.USP - Stabilized with BHT**

**CODE : 487300**

**MOLECULAR WEIGHT :72.11**

**CAS N° : 109-99-9**

**FORMULA : OCH<sub>2</sub>CH<sub>2</sub>CH<sub>2</sub>CH<sub>2</sub>**

TEST	U.M.	SPECIFICATION
Description	-	Clear colourless liquid
Colour	APHA	<= 10
Identification (I.R.)	-	Conform
Density d <sub>20</sub> /4	-	0.885 - 0.893
Refractive index at 20°C	-	1.4040 - 1.4100
Boiling point	°C	64.0 - 65.0
Water (K.F.)	ppm	<= 150
Residue on evaporation	ppm	<= 300
Acidity (acetic acid)	ppm	<= 20
Alcalinity (NH <sub>3</sub> )	ppm	<= 7
Peroxide (as H <sub>2</sub> O <sub>2</sub> )	ppm	<= 20
Al	ppm	<= 0.5
Ba	ppm	<= 0.1
Ca	ppm	<= 0.5
Cd	ppm	<= 0.05
Co	ppm	<= 0.02
Cr	ppm	<= 0.02
Cu	ppm	<= 0.02
Fe	ppm	<= 0.1
Mg	ppm	<= 0.1
Mn	ppm	<= 0.02
Ni	ppm	<= 0.02
Pb	ppm	<= 0.1
Sn	ppm	<= 0.1
Zn	ppm	<= 0.1
Assay (GC)	%	>= 99.9
Non volatile residue (w ithout stab.)	ppm	<= 10
Stabilizer (ionol)	ppm	200 - 350

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