

# Technical Specification

**PRODUCT : TETRAHYDROFURAN RS - SPECTROSOL - For optical spectroscopy - Not stabilized - Reag.Ph.Eur.**

**CODE : 487340**

**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
Identification	-	Positive
Density d <sub>20</sub> /4	-	0.885 - 0.893
Colour	APHA	<= 10
Refractive index at 20°C	-	1.4040 - 1.4100
Boiling point	°C	64.0 - 65.0
Water (K.F.)	ppm	<= 200
Residue on evaporation	ppm	<= 5
Acidity	meq/g	<=0.0005
Alcalinity	meq/g	<= 0.0002
Peroxide (as H <sub>2</sub> O <sub>2</sub> )	ppm	<= 300
Assay (GC)	%	>= 99.9
UV Transmittance	-	-
at 240 nm	%	>= 30
at 250 nm	%	>= 50
at 300 nm	%	>= 95
at 320 nm	%	>= 98
UV Absorbance	-	-
at 255 nm	AU	<= 0.70
at 270 nm	AU	<= 0.10
at 310 nm	AU	<= 0.01

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