



Carlo Erba Reagents S.A.S.  
 Parc d'Affaires des Portes  
 Chaussée du Vexin - BP 616  
 27106 Val de Reuil Cedex  
 Tél.:02.32.09.20.00  
 Fax 02.32.09.20.20

Z.I DE VALDONNE - BP 4  
 13124 PEYPIN  
 Tél.:04.42.32.41.41  
 Fax 04.42.72.41.62

Carlo Erba Reagents S.r.l.  
 Via R. Merendi, 22  
 20010 Cornaredo (Mi)  
 Tel. 02 93 991 90 Fax 02 93 991 001

ISO 9001: 2015

# Technical Specification

**PRODUCT : TETRAHYDROFURAN RS - For HPLC - Isocratic - not stabilized**

**CODE : 412450000**

**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
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	<= 2
Peroxide (as H <sub>2</sub> O <sub>2</sub> )	ppm	<= 200
Acidity	meq/g	<=0.00035
Alcalinity	meq/g	<= 0.0006
Assay (GC)	%	>= 99.9
UV Transmittance	-	-
at 230 nm	%	>= 15
at 240 nm	%	>= 40
at 250 nm	%	>= 55
at 260 nm	%	>= 70
at 270 nm	%	>= 85
at 275 nm	%	>= 90
at 280 nm	%	>= 92
at 310 nm	%	>= 98
at 315 nm	%	>= 99

Filtered at 0.2 micron

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

Date : 16/01/2024

**QUALITY CONTROL RESPONSIBLE**  
**B. COULANGE (VDR)**