

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: Diethyl ether RPE For analysis ACS Stabilized with BHT

CODE : 447520 **MOLECULAR WEIGHT:74,12**

CAS N° : 60-29-7

FORMULA: CH3CH2OCH2CH3

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TEST	U.M.	SPECIFICATION	
Description	-	Clear liquid	
Colour	APHA	<= 10	
Identification (I.R.)	-	Positive	
Foreign odour	-	Conform	
Readily carbonizable substances	-	Conform	
Density at 20°C	-	0.714 - 0.716	
Refractive index at 20°C	-	1.35 - 1.354	
Boiling point	°C	34.0 - 35.0	
Water (K.F.)	ppm	<= 200	
Residue after evaporation	ppm	<= 10	
Acetone	ppm	<= 50	
Acidity (acetic acid)	ppm	<= 5	
Alcalinity (NH3)	ppm	<= 1.4	
Ethanol	ppm	<= 100	
Methanol	ppm	<= 200	
Carbonyl compounds (as CO)	ppm	<= 10	
Heavy metals (as Pb)	ppm	<= 1	
Peroxide	ppm	<= 1	
Al	ppm	<= 0.5	
Ca	ppm	<= 0.5	
Cd	ppm	<= 0.05	
Co	ppm	<= 0.03 <= 0.02	
Cr		<= 0.02 <= 0.02	
Cu	ppm	<= 0.02	
Fe	ppm	<= 0.02 <= 0.1	
	ppm	<= 0.1 <= 0.1	
Mg Ma	ppm	<= 0.1 <= 0.02	
Mn Ni	ppm	<= 0.02 <= 0.02	
Ni D-	ppm		
Pb	ppm	<= 0.05	
Sn	ppm	<= 0.1	
Zn	ppm	<= 0.1	
Assay (GC)	%	>= 99.8	
Stabilized with 6 ppm BHT			

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: 30/04/2024