

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

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 (NH ₃)	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	<= 0.02
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	<= 0.05
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