

# Technical Specification

**PRODUCT : Petroleum ether 40 - 60°C RPE For analysis**

**CODE : 447830**

**CAS N° : 64742-49-0**

TEST	U.M.	SPECIFICATION
Description	-	Clear liquid
Colour	APHA	<=10
Identification	-	Positive
Alcohol miscibility	-	Complete
Diethyl ether miscibility	-	Complete
Boiling point min.	°C	>=40
Boiling point max.	°C	<=60
Heavy and fatty oils	-	Conform
Readily carbonizable substances	-	Conform
Density at 15°C	-	0.645 - 0.660
Residue on evaporation	ppm	<=10
Water (K.F.)	ppm	<=100
Acidity (acetic acid)	ppm	<=0.7
Alcalinity (NH3)	ppm	<=0.2
Benzene	ppm	<=100
Subs. reducing KMnO4	ppm (5m)	<=20
Total sulphur	ppm	<=50
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
Bromine rating	-	<= 1
Assay (GC)	-	Conform

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