

# Technical Specification

**PRODUCT : ETHYLENE GLYCOL RPE - For analysis**

**CODE : 453900**

**MOLECULAR WEIGHT :62,07**

**CAS N° : 107-21-1**

**FORMULA : CH<sub>2</sub>OHCH<sub>2</sub>OH**

TEST	U.M.	SPECIFICATION
Description	-	Clear colourless liquid
Identification	-	Positive
Water miscibility	-	Conform
Miscible in acetone	-	Complete
Alcohol miscibility	-	Complete
Reaction with ammonium hydrate	-	Conform
Reducing AgNO <sub>3</sub> ammonium	-	Conform
Density at 20°C	-	1.108 - 1.118
Refractive index at 20°C	-	1.4274 - 1.4354
Boiling point	°C	194 - 200
Water (K.F.)	%	<= 0.1
Acidity (acetic acid)	ppm	<= 3
Chloride	ppm	<= 2
Carbonyl compounds (as CO)	ppm	<= 100
Heavy metals (as Pb)	ppm	<= 2
Peroxide (as H <sub>2</sub> O <sub>2</sub> )	ppm	<= 5
Residue on ignition	ppm	<= 50
Sulfate	ppm	<= 20
Fe	ppm	<= 1
Assay (GC)	%	>= 99.5

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