

Technical Specification

PRODUCT : Propylene glycol RPE - For analysis

CODE : 454050

MOLECULAR WEIGHT :76.09

CAS N° : 57-55-6

FORMULA : CH₂OHCHOHCH₃

TEST	U.M.	SPECIFICATION
Description	-	Clear colourless liquid
Identification	-	Positive
Water miscibility	-	Conform
Acetone miscibility	-	Complete
Alcohol miscibility	-	Complete
Density at 20°C	-	1.035 - 1.040
Refractive index at 20°C	-	1.4309 - 1.4339
Boiling point	°C	184 - 189
Water (K.F.)	%	<= 0.1
Acidity (acetic acid)	ppm	<= 20
Alkalinity (NH ₄ OH)	ppm	<= 0.85
Chloride	ppm	<= 20
Carbonyl compounds (as CO)	ppm	<= 100
Heavy metals (as Pb)	ppm	<= 2
Peroxide (as H ₂ O ₂)	ppm	<= 5
Residue on ignition	ppm	<= 70
Sulfate	ppm	<= 20
As	ppm	<= 2
Fe	ppm	<= 2
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