

# Technical Specification

**PRODUCT : Propylene glycol ERBApharm - According to pharmacopoeia : Ph.Eur.-USP-FU-Ph.Franc.-BP**

**CODE : 346700**

**MOLECULAR WEIGHT :76.09**

**CAS N° : 57-55-6**

**FORMULA : CH<sub>2</sub>OHCHOHCH<sub>3</sub>**

TEST	U.M.	SPECIFICATION
Description	-	Clear colourless liquid
Identification (Ph.Eur)	-	Positive
Identification A	USP	Conform
Identification B	USP	-
Diethylene glycol	%	<= 0.10
Ethylene glycol	%	<= 0.10
Identification C	USP	Same RT to standard by GC
Appearance	Ph.Eur.	Conform
Acidity	Ph.Eur.	Conform *
Acidity	USP	Conform *
Reducing substances	Ph.Eur.	Conform *
Oxidizing substances	Ph.Eur.	Conform *
Density at 20°C	Ph.Eur.	1.035 - 1.040
Density at 25°C	USP	1.035 - 1.037
Boiling point	°C	184 - 189
Refractive index at 20°C	-	1.431 - 1.433
Water (K.F.)	%	<= 0.2
Sulfated ashes	ppm	<= 70
Chloride	ppm	<= 70 *
Heavy metals (as Pb)	ppm (w/V)	<= 5 *
Sulfate	ppm	<= 60 *
Assay (GC)	%	>= 99.5
Origin (BSE/TSE)	-	Conform
Residual solvents (Current ICH)	-	Conform

Our products should be used in compliance with the current legislation, raw material for pharmaceutical uses included.

\* Parameters marked with \* are tested periodically.

This batch has been released by authorized personnel.

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