Carlo Erba Reagents S.A.S.
Parc d'Affaires des Portes
Chaussée du Vexin - BP 616
27106 Val de Reuil Cedex
Tél.:02.32.09.20.00
Fax 02.32.09.20.20

Z.I DE VALDONNE - BP 4
13124 PEYPIN
Tél.:04.42.32.41.41
Fax 04.42.72.41.62

Carlo Erba Reagents S.r.l.
Via R. Merendi, 22
20010 Cornaredo (Mi)
Tel. 02 93 991 90 Fax 02 93 991 001

ISO 9001: 2015

Technical Specification

PRODUCT : GLYCEROL (30°Bé) ERBApharm - Vegetal origin - According to Ph.Eur.-USP-FU-Ph.Franc.-BP-DAB

CODE : 346160 **MOLECULAR WEIGHT :92.09**

CAS N° : 56-81-5

FORMULA : CH2OHCHOHCH2OH

TEST	U.M.	SPECIFICATION
Description	-	Clear colourless liquid
Identification A	Ph.Eur.	Conform
Identification B	Ph.Eur.	Conform
Identification A	USP-NF	Conform to IR ref.spectrum
Identification B	USP-NF	Conform
Identification C	USP-NF	Same Rt to standard by GC
Appearance of solution S	Ph.Eur.	Clear, colourless
Acidity or alcalinity	Ph.Eur.	Conform*
Sugars	Ph.Eur.	Conform*
Esters	Ph.Eur.	Conform*
Fatty acids and esters	USP-NF	Conform*
Colour	USP-NF	Not darker than standard
Density at 25°C	-	>= 1.249*
Refractive index at 20°C	-	1.470 - 1.475
Water (K.F.)	%	<= 2.0
Aldehyde	ppm	<= 10*
Sulfated ashes	%	<= 0.01*
Chloride	ppm	<= 10*
Limit of chlorinated compounds (as Cl)	ppm	<= 30*
Halogenated compounds	ppm	<= 35*
Heavy metals (as Pb)	ppm	<= 5*
Sulfate	ppm	<= 20*
Ethylene glycol	%	<= 0.10
Diethylene glycol	%	<= 0.10
Impurity A and related compounds	Ph.Eur.	Conform
Impurity Ret.time < glycerol	%	<= 0.1
Total imp. Ret time > glycerol	%	<= 0.5
Related compounds	USP-NF	Conform
Any impurity	%	<= 0.1
Total impurities	%	<= 1.0
Assay (acidimetric)	% (d.s.)	99.0 - 101.0
Origin (BSE/TSE)	-	Conform
Residual solvents (Current ICH)	-	Conform

* Parameters marked w ith * are tested periodically.
This batch has been released by authorized personnel.

Date : 07/10/2025

QUALITY CONTROL RESPONSIBLE
J. RICHARD (VDR)