



Propylene glycol

Synonyms:

1,2-Propanediol

CH₂OHCHOHCH₃

Classification

Danger

Molecular weight **76.1** ONU

CAS **57-55-6** Transport hazard class:

EEC-N: **200-338-0** Packing

Propylene glycol

> ERBApharm - According to pharmacopoeia :
Ph.Eur.-USP-FU-Ph.Franc.-BP

Pharmaceutical

Description	Clear colourless liquid	-
Identification (Ph.Eur)	Positive	-
Identification A	Conform	USP
Identification B	-	USP
Diethylene glycol	<= 0.10	%
Ethylene glycol	<= 0.10	%
Identification C	Same RT to standard by GC	USP



Appearance	Conform	Ph.Eur.
Acidity	Conform *	Ph.Eur.
Acidity	Conform *	USP
Reducing substances	Conform *	Ph.Eur.
Oxidizing substances	Conform *	Ph.Eur.
Density at 20°C	1.035 - 1.040	Ph.Eur.
Density at 25°C	1.035 - 1.037	USP
Boiling point	184 - 189	°C
Refractive index at 20°C	1.431 - 1.433	-
Water (K.F.)	≤ 0.2	%
Sulfated ashes	≤ 70	ppm
Chloride	≤ 70 *	ppm
Heavy metals (as Pb)	≤ 5 *	ppm (w/V)
Sulfate	≤ 60 *	ppm
Assay (GC)	≥ 99.5	%
Origin (BSE/TSE)	Conform	-
Residual solvents (Current ICH)	Conform	-

Propylene glycol	> ERBApharm - According to pharmacopoeia : Ph.Eur.-USP-FU-Ph.Franc.-BP		Pharmaceutical
ID	Size	Packaging	
0000000000000346701	1 l	Glass bottle	
0000000000000346703	2.5 l	Glass bottle	
0000000000000346704	25 l	Plastic tank	
0000000000000346705	60 kg	Plastic tank	
0000000000000346708	200 kg	Plastic drum	



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