



Glycerol (30°Bé)

Synonyms:

1,2,3-Propanetriol

CH₂OHCHOHCH₂OH

Classification

Danger

Molecular weight

92 ONU

CAS

56-81-5 Transport hazard class:

EEC-N:

200-289-5 Packing

Glycerol (30°Bé)

> ERBApharm - Vegetal origin - According to Ph.Eur.-USP-FU-Ph.Franc.-BP-DAB

Pharmaceutical

Description	Clear colourless liquid	-
Identification A	Conform	Ph.Eur.
Identification B	Conform	Ph.Eur.
Identification A	Conform to IR ref.spectrum	USP-NF
Identification B	Conform	USP-NF
Identification C	Same Rt to standard by GC	USP-NF
Appearance of solution S	Clear, colourless	Ph.Eur.



Acidity or alkalinity	Conform*	Ph.Eur.
Sugars	Conform*	Ph.Eur.
Esters	Conform*	Ph.Eur.
Fatty acids and esters	Conform*	USP-NF
Colour	Not darker than standard	USP-NF
Density at 25°C	$\geq 1.249^*$	-
Refractive index at 20°C	1.470 - 1.475	-
Water (K.F.)	≤ 2.0	%
Aldehyde	$\leq 10^*$	ppm
Sulfated ashes	$\leq 0.01^*$	%
Chloride	$\leq 10^*$	ppm
Limit of chlorinated compounds (as Cl)	$\leq 30^*$	ppm
Halogenated compounds	$\leq 35^*$	ppm
Heavy metals (as Pb)	$\leq 5^*$	ppm
Sulfate	$\leq 20^*$	ppm
Ethylene glycol	≤ 0.10	%
Diethylene glycol	≤ 0.10	%
Impurity A and related compounds	Conform	Ph.Eur.
Impurity Ret.time < glycerol	≤ 0.1	%
Total imp. Ret time > glycerol	≤ 0.5	%



Related compounds	Conform	USP-NF
Any impurity	<= 0.1	%
Total impurities	<= 1.0	%
Assay (acidimetric)	99.0 - 101.0	% (d.s.)
Origin (BSE/TSE)	Conform	-
Residual solvents (Current ICH)	Conform	-

ID	Size	Packaging
000000000000346161	1 l	Glass bottle
000000000000346162	5 l	Plastic tank
000000000000346165	2.5 l	Glass bottle
000000000000346164	35 kg	Metal drum
000000000000346167	250 kg	Metal drum



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