

GLYCERINE VEG FG/PH KOSHER

<u>Material Group:</u>	100442	OCTOBER 2014
<u>Synonyms:</u>	Glycerin, glycerine, glycerol, 1,2,3-propanetriol, trihydroxy propane	
<u>Description:</u>	Clear, colourless, odourless hydroscopic syrupy liquid	
<u>CAS NO:</u>	56-81-5	<u>FORMULA:</u> C ₃ H ₈ O ₃
<u>EINECS NO:</u>	200-289-5	<u>MW:</u> 92
<u>E NUMBER:</u>	E422	

<u>Test</u>	<u>Specification</u>
Glycerine content (%)	99.5 min
Refractive index @ 20°C	1.471 – 1.474
Water (%)	0.5 max
Sulphated ash (%)	0.01 max
Halogenated compounds (mg/kg)	30 max
Heavy metals as Pb (mg/kg)	5 max
Colour (APHA)	10 max
Chloride (mg/kg)	10 max
Sugars	Conforms
Alkalinity or Acidity	Conforms
Aldehydes & reducing substances	Conforms
Ester content	Conforms
Impurity A & related substances	Conforms
Butanetriols (%)	0.2 max
Acrolein, glucose and ammonium compounds	Conforms
Fatty acids and esters (calculated as butyric acid) (%)	≤ 0.1
Chlorinated compounds (as chlorine) (mg/kg)	≤ 30
3-Monochloropropane-1,2-diol (3-MCPD) (mg/kg)	≤ 0.1
Arsenic (mg/kg)	≤ 3
Lead (mg/kg)	≤ 2
Mercury (mg/kg)	≤ 1
Cadmium (mg/kg)	≤ 1

Meets the requirements of EU Directive 231/2012 (E422 Glycerine), and the European Pharmacopoeia.

Revision 04

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