



Ethylene glycol

Synonyms:

1,2-Ethanediol

CH₂OHCH₂OH**Classification****Danger**

Molecular weight

62.07 ONU

CAS

107-21-1 Transport hazard class:

EEC-N:

203-473-3 Packing**Ethylene glycol**> **RPE - For analysis****Analytical Grade**

Description	Clear colourless liquid	-
Identification	Positive	-
Water miscibility	Conform	-
Miscible in acetone	Complete	-
Alcohol miscibility	Complete	-
Reaction with ammonium hydrate	Conform	-
Reducing AgNO ₃ ammonium	Conform	-



Density at 20°C	1.108 - 1.118	-
Refractive index at 20°C	1.4274 - 1.4354	-
Boiling point	194 - 200	°C
Water (K.F.)	<= 0.1	%
Acidity (acetic acid)	<= 3	ppm
Chloride	<= 2	ppm
Carbonyl compounds (as CO)	<= 100	ppm
Heavy metals (as Pb)	<= 2	ppm
Peroxide (as H2O2)	<= 5	ppm
Residue on ignition	<= 50	ppm
Sulfate	<= 20	ppm
Fe	<= 1	ppm
Assay (GC)	>= 99.5	%

ID	Size	Packaging
000000000000453902	30 kg	Plastic drum
000000000000453904	2.5 l	Glass bottle
000000000000453905	1 l	Glass bottle
000000000000453906	5 l	Plastic tank



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