

ET0182 Ethylene glycol monoethyl ether, ExpertQ®, for analysis, Reag. Ph Eur



assay (G.C.) min. 99,5 %
identity (IR-spectrum) passes test
density (20°/4°) 0,929 - 0,930
refractive index n₂₀/D 1,405 - 1,407
colour (Hazen) max. 10
acidity max. 0,001 meq/g
cadmium (Cd) max. 0,05 ppm
calcium (Ca) max. 0,5 ppm
chromium (Cr) max. 0,02 ppm
cobalt (Co) max. 0,02 ppm
copper (Cu) max. 0,02 ppm

iron (Fe) max. 0,1 ppm
lead (Pb) max. 0,1 ppm
magnesium (Mg) max. 0,1 ppm
manganese (Mn) max. 0,02 ppm
nickel (Ni) max. 0,02 ppm
zinc (Zn) max. 0,1 ppm
acetaldehyde (CH₃CHO) max. 0,001 %
formaldehyde (HCHO) max. 0,001 %
peroxides (as H₂O₂) max. 0,0003 %
residue on evaporation max. 0,001 %
water (K.F.) max. 0,1 %

ART. NO.	VOLUME	CONTAINER
ET01821000	1 l	0

ET0181 Ethylene glycol monoethyl ether, standard substance for GC



assay 99,7 %
over ramp 60°C, 6°C/min 160°C, 20°C/min 220°C
identity IR

ART. NO.	VOLUME	CONTAINER
ET01810005	5 ml	0

ETHYLENE GLYCOL MONOMETHYL ETHER



- Synonyms: 2-Methoxyethanol, Methyl glycol, Methyl cellosolve
- C₃H₈O₂
- M = 76,10 g/mol
- CAS [109-86-4]
- EINECS-No.: 203-713-7
- Density: 0,96 g/cm³
- Solub. in water: (20 °C): miscible
- Melting point: -85 °C
- Boiling point: 124,5 °C
- Flash pt. 38 °C
- Ignition temp.: 285 °C
- Vapour pressure: (20 °C) 11 hPa
- Refraction index: (n_{20 °C/D}) 1,4021
- Dielectric const.: (20 °C) 15,4
- LD 50 (oral, rat): 2370 mg/kg
- EC-Index-No.: 603-011-00-4
- ADR: 3 F1 III UN 1188
- IMDG: 3 III UN 1188
- IATA/ICAO: 3 III UN 1188
- GHS-signal word: Danger
- GHS-H sentences: H360FD - H226 - H302 - H312 - H332 - H370 - H373
- GHS-P sentences: P210 - P241 - P261 - P303 + P361 + P353 - P405 - P501a
- Tariff number: 2909 42 00 00
- Applications: analytical chemistry, synthesis of organic products, manufacturing of synthetic resins, manufacture of dyes, for the analysis of: aminoacids.
- Appearance: Clear liquid

ET0190 Ethylene glycol monomethyl ether, EssentQ®



assay (G.C.) min. 99 %
identity (IR-spectrum) passes test
density (20°/4°) 0,964 - 0,968
peroxides (as H₂O₂) max. 0,005 %
residue on evaporation max. 0,005 %

water (K.F.) max. 0,2 %

ART. NO.	VOLUME	CONTAINER
ET01901000	1 l	0
ET0190005P	5 l	P
ET0190025P	25 l	P

ET0192 Ethylene glycol monomethyl ether, ExpertQ®, for analysis, ACS



assay (G.C.) min. 99,5 %
identity (IR-spectrum) passes test
density (20°/4°) 0,964 - 0,968
appearance clear
colour (Hazen) max. 10
acidity max. 0,001 meq/g
alkalinity max. 0,0005 meq/g
aluminium (Al) max. 0,5 ppm
barium (Ba) max. 0,1 ppm
boron (B) max. 0,02 ppm
cadmium (Cd) max. 0,05 ppm
calcium (Ca) max. 0,5 ppm
chromium (Cr) max. 0,02 ppm
cobalt (Co) max. 0,02 ppm

copper (Cu) max. 0,02 ppm
iron (Fe) max. 0,5 ppm
lead (Pb) max. 0,1 ppm
magnesium (Mg) max. 0,1 ppm
manganese (Mn) max. 0,02 ppm
nickel (Ni) max. 0,02 ppm
tin (Sn) max. 0,1 ppm
zinc (Zn) max. 0,1 ppm
aldehydes (as CH₃CHO) max. 0,003 %
formaldehyde max. 0,001 %
peroxides (as H₂O₂) max. 0,002 %
substances darkened by H₂SO₄ passes test
residue on evaporation max. 0,002 %
water (K.F.) max. 0,1 %

ART. NO.	VOLUME	CONTAINER
ET01921000	1 l	0
ET01922500	2,5 l	0
ET0192005P	5 l	P