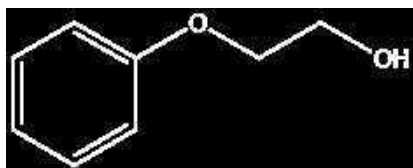


2-PHENOXYETHANOL

FE0525 2-Phenoxyethanol, EssentQ®



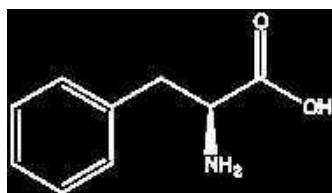
- Synonyms: Ethylene glycol monophenyl ether, Phenylcellosolve, Monophenyl glycol, Phenyl glycol
- $C_8H_{10}O_2$
- $M = 138,17 \text{ g/mol}$
- CAS [122-99-6]
- EINECS-No.: 204-589-7
- Density: $1,11 \text{ g/cm}^3$
- Solub. in water: (20 °C): non-miscible
- Melting point: $11 - 13 \text{ °C}$
- Boiling point: $244 - 246 \text{ °C}$
- Flash pt. 121 °C
- Ignition temp.: 535 °C
- Vapour pressure: (20 °C) $0,04 \text{ hPa}$
- Refraction index: (n 20 °C) $1,537$
- LD 50 (oral, rat): $> 2000 \text{ mg/kg}$
- EC-Index-No.: 603-098-00-9
- GHS-signal word: Warning
- GHS-H sentences: H302 - H319
- GHS-P sentences: P280 - P264 - P270 - P305 + P351 + P338 - P337 + P313 - P501a
- Tariff number: 2909 49 90 90
- Applications: synthesis of organic products, perfumery.

assay (G.C.) min. 99 %
 identity (IR-spectrum) passes test
 density (20°/4°) 1,106 - 1,108
 peroxides (as H_2O_2) max. 0,005 %

ART. NO.	VOLUME	CONTAINER
FE05251000	1 l	0
FE05252500	2,5 l	0

L-PHENYLALANINE

FE0180 L-Phenylalanine, extra pure, Pharmpur®, Ph Eur, BP, USP



- Synonyms: α -Amino- β -phenyl propionic acid
- $C_9H_9NO_2$
- $M = 165,19 \text{ g/mol}$
- CAS [63-91-2]
- EINECS-No.: 200-568-1
- Solub. in water: (20°C): 27 g/l
- Melting point: $275 - 283 \text{ °C}$ (decomposes)
- Tariff number: 2922 49 95 90
- Applications: in biochemistry, cosmetics, for pharmaceutical use, in pharma industry.

assay (titr. with $HClO_4$, referred to dried sample) 98,5 - 101,0 %
 identification passes test
 appearance of solution passes test
 pH (1%, H_2O) 5,4 - 6,0
 specific rotation ($[\alpha]_{20}^{20}/D$, c=2, H_2O , referred to dried sample) $-35,5^\circ - -33,0^\circ$
 specific rotation ($[\alpha]_{25}^{25}/D$; c=2, H_2O) $-34,7^\circ - -32,7^\circ$
 chlorides (Cl) max. 200 ppm
 sulfates (SO_4) max. 300 ppm
 ammonium (NH_4) max. 0,02 %
 iron (Fe) max. 10 ppm
 ninhydrin-positive substances passes test
 residue on ignition max. 0,1 %
 loss on drying (105 °C) max. 0,3 %
 Elemental impurities are analysed according to guideline CHMP/ICH/353369/2013.
 Residual solvents are analysed according to guideline CPMP/ICH/283/95.

ART. NO.	VOLUME	CONTAINER
FE01800025	25 g	0
FE01800100	100 g	0