

2-MERCAPTOETHANOL

ME0095 2-Mercaptoethanol, molecular biology grade



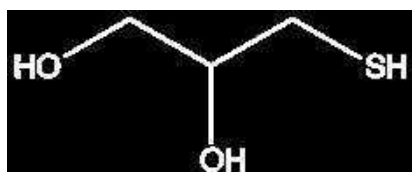
- Synonyms: Hydroxyethyl mercaptan, Thioethylene glycol, Thioglycol
- C_2H_6OS
- $M = 78,13 \text{ g/mol}$
- CAS [60-24-2]
- EINECS-No.: 200-464-6
- Density: $1,12 \text{ g/cm}^3$
- Solub. in water: (20 °C): miscible
- Melting point: -100 °C
- Boiling point: 157 °C
- Flash pt. 68 °C
- Ignition temp.: 295 °C
- Vapour pressure: (20 °C) 1 hPa
- LD 50 (oral, rat): 244 mg/kg
- ADR: 6.1 T1 II UN 2966
- IMDG: 6.1 II UN 2966
- IATA/ICAO: 6.1 II UN 2966
- GHS-signal word: Danger
- GHS-H sentences: H301 - H310 - H314 - H411
- GHS-P sentences: P260 - P303 + P361 + P353 - P305 + P351 + P338 - P361 - P405 - P501a
- Tariff number: 2930 90 99 99
- Applications: for microbiology, protector for carbonyl groups, for the synthesis of: sulfides.
- Appearance: Colourless liquid

assay (G.C.) min. 99 %
identity (IR-spectrum) passes test
heavy metals (as Pb) max. 1 ppm
water (K.F.) max. 0,2 %
DNases, RNases, Proteases non detected

ART. NO.	VOLUME	CONTAINER
ME00950050	50 ml	0
ME00950250	250 ml	0

3-MERCAPTO-1,2-PROPANEDIOL

T10220 3-Mercapto-1,2-propanediol, min. 98%, ExpertQ®, for analysis



- Synonyms: α -Thioglycerol
- $C_3H_6O_2S$
- $M = 108,16 \text{ g/mol}$
- CAS [96-27-5]
- EINECS-No.: 202-495-0
- Density: $1,25 \text{ g/cm}^3$
- Solub. in water: (20 °C): sparingly miscible
- Boiling point: 118 °C
- Flash pt. 110 °C
- ADR: 6.1 T1 III
- UN 2810
- IMDG: 6.1 III UN 2810
- IATA/ICAO: 6.1 III UN 2810
- GHS-signal word: Danger
- GHS-H sentences: H302 + H332 - H311 - H315 - H319 - H317 - H335
- GHS-P sentences: P261 - P280 - P305 + P351 + P338 - P361 - P405 - P501a
- Tariff number: 2930 90 99 99
- Applications: for pharmaceutical use.

assay (iodometric) min. 98 %
identity (IR-spectrum) passes test
heavy metals (as Pb) max. 5 ppm
iron (Fe) max. 5 ppm
residue on ignition max. 0,05 %

ART. NO.	VOLUME	CONTAINER
T102202500	2,5 l	0

MERCURY

ME0175 Mercury, metal, EssentQ®, washed, Reag. Ph Eur



- Hg
- $M = 200,59 \text{ g/mol}$
- CAS [7439-97-6]
- EINECS-No.: 231-106-7
- Density: $13,55 \text{ g/cm}^3$
- Solub. in water: (25 °C): $0,0036 \text{ mg/l}$
- Melting point: -39 °C
- Boiling point: 357 °C
- Vapour pressure: (20 °C) $0,0017 \text{ hPa}$
- EC-Index-No.: 080-001-00-0
- ADR: 8 CT1 III UN 2809
- IMDG: 8 III UN 2809

- IATA/ICAO: 8 III UN 2809
- GHS-signal word: Danger
- GHS-H sentences: H330 - H360D - H372 - H400 - H410
- GHS-P sentences: P260 - P284 - P281 - P320 - P405 - P501a
- Tariff number: 2805 40 90 00
- Applications: in thermometers, catalyst (synthesis of organic products), inorganic salts, amalgams, for pharmaceutical use, for electroanalysis.

assay min. 99,6 %
insoluble in HNO_3 max. 0,002 %
heavy metals (as Pb) max. 5 ppm
iron (Fe) max. 5 ppm
loss on drying max. 0,003 %

ART. NO.	VOLUME	CONTAINER
ME01750100	100 g	0
ME01750250	250 g	0
ME01751000	1 kg	0