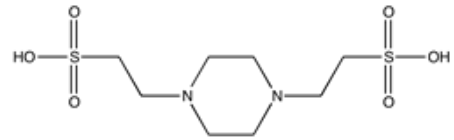


PIPES free acid, molecular biology grade

Identification

$C_8H_{18}N_2O_6S_2$
M = 302,36 g/mol
CAS [5625-37-6]
EC number: 227-057-6
Taric code: 2933 59 95

**Synonyms**

Piperazine-N,N'-bis(2-ethanesulfonic acid)

Applications

laboratory reagent, in buffer solutions, in biochemistry.

Specifications

assay (acidimetric)..... min. 99 %
identity (IR-spectrum)..... passes test
absorbance of a 0,1 M solution in NaOH
1 M in a 1 cm cell at 260 nm max. 0,05 AU

absorbance of a 0,1 M solution in NaOH
1 M in a 1 cm cell at 280 nm max. 0,05 AU
heavy metals (as Pb)..... max. 0,001 %
DNases, RNases, Proteases non detected

Physical data

- Bulk density: ~ 550 kg/m³
- Solub. in water: (20 °C): slightly soluble
- pH(10 g/l H₂O, 20 °C) ~ 2,5 - 3,0

Transport/storage

- 5°C - 30°C