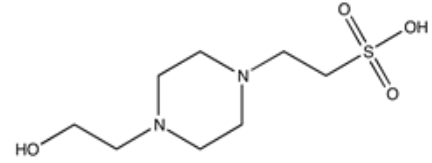


**Identification**

$C_8H_{18}N_2O_4S$   
M = 238,3 g/mol  
CAS [7365-45-9]  
EC number: 230-907-9  
Taric code: 2933 59 95

**Synonyms**

4-(2-Hydroxyethyl)-1-piperazineethanesulfonic acid, N-(2-Hydroxyethyl)-piperazine-N'-(2-ethanesulfonic acid)

**Applications**

in buffer solutions (for biology).

**Specifications**

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

absorbance of an aqueous solution  
1 M in a 1 cm cell at 280 nm ..... max. 0,05 AU  
heavy metals (as Pb)..... max. 5 ppm  
DNases, RNases, Proteases ..... non detected

**Physical data**

- Appearance: powder, white
- Bulk density: ~ 560 kg/m<sup>3</sup>
- Solub. in water: (20 °C): 400 g/l
- Melting point: 210 - 215 °C
- pH(100 g/l H<sub>2</sub>O, 20 °C) 5,0 - 5,5

**Transport/storage**

- 5°C - 30°C