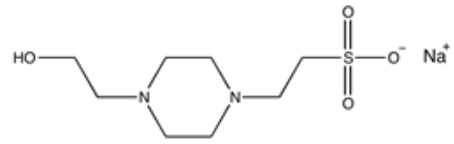


## HEPES, sodium salt, molecular biology grade

**Identification**

$C_8H_{17}N_2NaO_4S$   
M = 260,28 g/mol  
CAS [75277-39-3]  
EC number: 278-169-7  
Taric code: 2933 59 95

**Synonyms**

N-(2-Hydroxyethyl)-piperazine-N'-(2-ethanesulfonic acid) sodium salt

**Applications**

laboratory reagent, analytical chemistry, in buffer solutions, for biology.

**Specifications**

assay (titr. with $HClO_4$ , referred to dried sample) .....	min. 99 %	(2 %) in a 1 cm cell at 250 nm.....	max. 0,06 AU
identity (IR-spectrum).....	passes test	chlorides (Cl).....	max. 0,005 %
absorbance of an aqueous solution		sulfates ( $SO_4$ ).....	max. 0,005 %
		heavy metals (as Pb).....	max. 5 ppm
		loss on drying (105 °C).....	max. 0,5 %

**Physical data**

• Appearance: powder, white

**Transport/storage**

• 10°C - 30°C