



R E A G E N T S

## HEPES BUFFER GRADE

<b>Synonym:</b>	4-(2-Hydroxyethyl)-1-piperazine-1-ethanesulfonic acid, N-(2-Hydroxyethyl)-piperazine-N'-2-ethanesulfonic acid	
<b>Catalog Number:</b>	HEBA500, HEBA1000	
<b>Molecular formula:</b>	$C_8H_{18}N_2O_4S$	<b>M:</b> 238.31 g/mol
<b>CAS Number:</b>	7365-45-9	
<b>Storage:</b>	RT	
<b>Melting point:</b>	210-215°C	
<b>Useful pH range:</b>	6.8-8.2	
<b>pK<sub>a</sub> (20C°):</b>	7.55	
<b>Assay (titr.):</b>	min. 99.5%	
<b>pH (1%; H<sub>2</sub>O):</b>	4.7-6.0	
<b>Heavy metals (as Pb):</b>	max. 0.001%	
<b>Water:</b>	max. 0.5%	
<b>Chloride:</b>	max. 0.05%	
<b>Sulfate:</b>	max. 0.05%	

### Ordering information

Catalog N°	Size
HEBA500	500g
HEBA1000	1kg

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