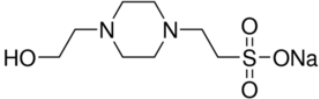


## HEPES, SODIUM SALT FOR MOLECULAR BIOLOGY

<b>PRODUCT CODE</b>	<b>941440</b>	
<b>SYNONYMS</b>	<b>(N-2 Hydroxyethyl piperazine N-2 Ethane Sulphonic Acid Sodium Salt)</b>	
<b>C.I. NO.</b>	<b>N/A</b>	
<b>CASR NO.</b>	<b>75277-39-3</b>	
<b>ATOMIC OR MOLECULAR FORMULA</b>	<b>C<sub>8</sub>H<sub>17</sub>N<sub>2</sub>NaO<sub>4</sub>S</b>	
<b>ATOMIC OR MOLECULAR WEIGHT</b>	<b>260.29</b>	
<b>PROPERTIES</b>	--	

<b>PARAMETER</b>	<b>LIMIT</b>
Description	White crystalline powder.
Solubility	10% aq. Solution is clear & colourless.
Minimum assay (T)	99.00%
pH (0.1M, H <sub>2</sub> O)	10.2 ± 0.8

<b>MAXIMUM LIMIT OF IMPURITIES</b>	
Loss on drying	2.0%
Sulphate (SO <sub>4</sub> )	0.01%
Iron (Fe)	0.0005%
Heavy Metals (Pd)	0.0005%
Absorbance (A) of 10% aq. Solution in a 1cm v/s H <sub>2</sub> O@250 nm	0.3

**Note(s): Assay (if applicable) method mentioned.**

<b>WARNING</b> <b>Hazard statements:</b> Not hazardous. No hazards. <b>Precautionary statements</b> <b>Prevention:</b> ----- <b>Response:</b> ----- <b>Disposal:</b> -----	IMDG Code : UN No. : IATA :
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**Hazard Pictogram(s) :**-----