



# Product Specification

cdhfinechemical.com

## HEPES, LOW SODIUM FOR MOLECULAR BIOLOGY

<b>PRODUCT CODE</b>	<b>941390</b>
<b>SYNONYMS</b>	<b>N-(2-Hydroxyethyl)piperazine-N'-(2-ethanesulphonic acid)</b>
<b>C.I. NO.</b>	--
<b>CASR NO.</b>	<b>(7365-45-9)</b>
<b>ATOMIC OR MOLECULAR FORMULA</b>	<b>C<sub>8</sub>H<sub>18</sub>N<sub>2</sub>O<sub>4</sub>S</b>
<b>ATOMIC OR MOLECULAR WEIGHT</b>	<b>238.31</b>
<b>PROPERTIES</b>	--
<b>PARAMETER</b>	<b>LIMIT</b>
Description	Colourless or white crystals or powder or solid.
Solubility	Soluble in water.
Assay (NaOH Titration, on dry basis)	99.50 - 102.00%
pH (1% in water at 25°C)	4.70 - 6.00
<b>MAXIMUM LIMIT OF IMPURITY</b>	
Loss on drying (at 105°C, 2 hr)	<= 1.0%
DNases, RNases	None detected
<b>Note(s): Assay (if applicable) method mentioned.</b>	
<b>WARNING</b> Hazard statements: Not hazardous. No hazards. Precautionary statements Prevention: ----- Response: ----- Disposal:----- Hazard Pictogram(s) :-----	IMDG Code : -- UN No. : -- IATA : --