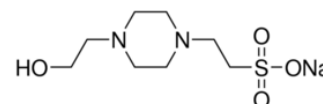


## HEPES SODIUM SALT (BUFFER)

|                                    |  |
|------------------------------------|--|
| <b>PRODUCT CODE</b>                | <b>110720</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>ATOMIC OR MOLECULAR FORMULA</b> | --   |
| <b>ATOMIC OR MOLECULAR WEIGHT</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>                                       | IMDG Code :<br>UN No. :<br>IATA : |
| <b>Hazard statements:</b> Not hazardous. No hazards. |                                   |
| <b>Precautionary statements</b>                      |                                   |
| <b>Prevention:</b> -----<br><b>Response:</b> -----   |                                   |
| <b>Disposal:</b> -----                               |                                   |

**Hazard Pictogram(s) :**-----