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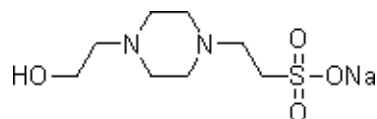
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## Product Specification

Product Name:  
HEPES sodium salt solution - 1M, BioReagent, suitable for cell culture

Product Number: **H3662**

MDL: MFCD00036463  
Formula: C<sub>8</sub>H<sub>17</sub>N<sub>2</sub>NaO<sub>4</sub>S  
Formula Weight: 260.29 g/mol



| TEST   | Specification |
|--|---------------|
| Not Derived From Animal Origin                     | Pass          |
| Appearance (Turbidity)                             | Clear         |
| Appearance (Color)                                 | Colorless     |
| Appearance (Form)                                  | Solution      |
| pH<br>Check and record                             |               |
| Purity by H <sub>2</sub> SO <sub>4</sub> Titration | 0.90 - 1.10 M |
| DNase Detection                                    | None Detected |
| Nickase  | None Detected |
| RNAse Detection                                    | None Detected |
| Protease Detection                                 | None Detected |
| Iron (Fe)<br>by ICP                                | ≤ 5 ppm       |
| Endotoxin Level                                    | ≤ 1.0 EU/ml   |
| Total Microbial Count                              | ≤ 16          |
| Heavy Metals (as Lead)                             | ≤ 5 ppm       |

Specification: PRD.0.ZQ5.10000038175

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at [Sigma-Aldrich.com](http://Sigma-Aldrich.com). For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.