

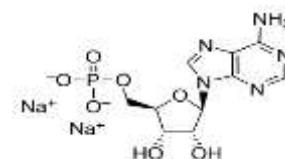


# Product Specification

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## ADENOSINE-5-MONO PHOSPHATE DISODIUM SALT

|  |  |
|--|--|
| <b>PRODUCT CODE</b>                                      | <b>002955</b>  |
| <b>SYNONYMS</b>  | <b>(AMP.Na<sub>2</sub>)</b>  |
| <b>C.I. NO.</b>  | --   |
| <b>CASR NO.</b>  | <b>(4578-31-8)</b>   |
| <b>ATOMIC OR MOLECULAR FORMULA</b>                       | <b>C<sub>10</sub>H<sub>12</sub>N<sub>5</sub>O<sub>7</sub>PNa<sub>2</sub></b> |
| <b>ATOMIC OR MOLECULAR WEIGHT</b>                        | <b>391.19</b>  |
| <b>PROPERTIES</b>  | --   |
| <b>PARAMETER</b>   | <b>LIMIT</b>   |
| Description  | White crystalline powder.  |
| Solubility   | 4% solution in water is clear and colourless.                                |
| Minimum assay (after drying)<br>(HPLC)                   | 96.0%  |
| <b>MAXIMUM LIMIT OF IMPURITIES</b>                       |  |
| Moisture (by KF)   | 10.0%  |
| ADP (enzymic)  | 2%   |
| ATP (enzymic)  | 0.5%   |
| <b>Note(s) : Assay (if applicable) method mentioned.</b> |  |
| <b>Storage 0 - 8°C</b>                                   |  |
| <b>WARNING</b>   |  |
| <b>Hazard statements :--</b>                             | IMDG Code : --   |
| <b>Precautionary statements</b>                          | UN No. : --  |
| <b>Prevention: --</b>                                    | IATA : --  |
| <b>Response: --</b>                                      |  |
| <b>Disposal: --</b>                                      |  |
| <b>Hazard Pictogram(s) :</b>                             |  |



Replace Date 31-May-2023