

# Chem-Impex International, Inc.

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## Certificate of Analysis

|                          |   |
|--------------------------|---|
| <b>Catalogue Number</b>  | 00743   |
| <b>Lot Number</b>        | 001135-0060510  |
| <b>Product</b>           | <b>MOPS sodium salt</b><br><br>3-N-Morpholinopropanesulfonic acid sodium salt |
| <b>CAS Number</b>        | 71119-22-7  |
| <b>Molecular Formula</b> | C <sub>7</sub> H <sub>14</sub> NO <sub>4</sub> SNa                            |
| <b>Molecular Weight</b>  | 231.2   |

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|------------------------------------|--|
| <b>Appearance</b>                  | White powder   |
| <b>Solubility</b>                  | Clear and complete (1M in H <sub>2</sub> O)  |
| <b>Water Content (Karl Fisher)</b> | 0.6% (LOD)   |
| <b>pH</b>                          | 10.8 (1M solution in H <sub>2</sub> O)   |
| <b>pKa</b>                         | 7.1 @ 25°C   |
| <b>Assay by titration</b>          | 100.6% (Dry basis)   |
| <b>Storage</b>                     | Store at RT  |
| <b>Additional Information</b>      | Absorbance (1M solution in water): 260 nm : 0.0725<br>Absorbance (1M solution in water): 280 nm : 0.0399 |
| <b>Remarks</b>                     | See material safety data sheet for additional information<br><br>For laboratory use only                 |

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



**Bala Kumar**  
Quality Control Manager