

# Chem-Impex International, Inc.

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## Certificate of Analysis

|                          |   |
|--------------------------|---|
| <b>Catalogue Number</b>  | 19456   |
| <b>Lot Number</b>        | 001419-19456-081511   |
| <b>Product</b>           | <b>Morpholin-3-yl-acetic acid hydrochloride</b><br><br>3-Acetic acid-morpholine hydrochloride |
| <b>CAS Number</b>        | 86236-84-2  |
| <b>Molecular Formula</b> | C <sub>6</sub> H <sub>11</sub> NO <sub>3</sub> ·HCl   |
| <b>Molecular Weight</b>  | 181.66  |

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|                          |  |
|--------------------------|--|
| <b>Appearance</b>        | White solid  |
| <b><sup>1</sup>H NMR</b> | Conforms to structure  |
| <b>Purity</b>            | > 95% (NMR)  |
| <b>Storage</b>           | Store at 0-8 °C  |
| <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**