

# Chem-Impex International, Inc.

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## Certificate of Analysis

|                          |                                                                                                      |
|--------------------------|------------------------------------------------------------------------------------------------------|
| <b>Catalogue Number</b>  | 19818                                                                                                |
| <b>Lot Number</b>        | 001316-108-056                                                                                       |
| <b>Product</b>           | <b>Z-piperidine-4-carboxamidine</b><br><br>4-Carbamimidoyl-piperidine-1-carboxylic acid benzyl ester |
| <b>CAS Number</b>        | 885270-25-7                                                                                          |
| <b>Molecular Formula</b> | C <sub>14</sub> H <sub>19</sub> N <sub>3</sub> O <sub>2</sub>                                        |
| <b>Molecular Weight</b>  | 261.32                                                                                               |

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|--------------------------|------------------------------------------------------------------------------------------|
| <b>Appearance</b>        | White solid                                                                              |
| <b><sup>1</sup>H NMR</b> | Conforms to structure                                                                    |
| <b>Assay</b>             | > 96%                                                                                    |
| <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**