

# *Chem-Impex International, Inc.*

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## Certificate of Analysis

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|----------------------------------|--|
| <b>Catalog Number</b>            | 04361  |
| <b>Product Name</b>              | <b>Ac-His(Trt)-OH</b><br>Acetyl-N <sup>im</sup> -trityl-L-histidine                    |
| <b>Lot Number</b>                | 20070428   |
| <b>CAS Registry Number</b>       | 83498-47-7   |
| <b>Molecular Formula</b>         | C <sub>27</sub> H <sub>25</sub> N <sub>3</sub> O <sub>3</sub>                          |
| <b>Molecular Weight</b>          | 439.52   |
| <b>Appearance</b>                | White powder   |
| <b>Optical Rotation</b>          | $\alpha_D^{20} = +20.6^\circ$ (c=1.0012, MeOH)   |
| <b><sup>1</sup>H NMR (DMSO)</b>  | Conforms to structure  |
| <b><sup>13</sup>C NMR (DMSO)</b> | Conforms to structure  |
| <b>Chemical Purity (HPLC)</b>    | 98.524%  |
| <b>Storage</b>                   | Store at 0-5°C.  |
| <b>Remarks</b>                   | See Material Safety Data Sheets for additional information.<br>For Laboratory use only |

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

Quality Control Manager