

# **Chem-Impex International, Inc.**

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## **Certificate of Analysis**

|                            |                                                                                        |
|----------------------------|----------------------------------------------------------------------------------------|
| <b>Catalog Number</b>      | 07508                                                                                  |
| <b>Product Name</b>        | <b>Z-Gly-Gly-OSu</b>                                                                   |
| <b>Lot Number</b>          | 07508-061406-1                                                                         |
| <b>CAS Registry Number</b> | 32943-08-1                                                                             |
| <b>Molecular Formula</b>   | C <sub>16</sub> H <sub>17</sub> N <sub>3</sub> O <sub>7</sub>                          |
| <b>Molecular Weight</b>    | 363.33                                                                                 |
| <b>Appearance</b>          | White powder with cluster                                                              |
| <b>Melting Point</b>       | 170-172 °C                                                                             |
| <b>Purity (HPLC)</b>       | 99%                                                                                    |
| <b>Storage</b>             | Store at -0°C.                                                                         |
| <b>Remarks</b>             | See Material Safety Data Sheets for additional information.<br>For Laboratory use only |

**Quality Control Manager**

## HPLC Conditions

|                                 |                                             |
|---------------------------------|---------------------------------------------|
| <b>Column</b>                   | Beckman Ultrasphere 5 µm, 250x4.6 mm, 150 Å |
| <b>Guard Column</b>             | Supel Guard LC-18-DB, 2 cm                  |
| <b>Retention Time, min</b>      | 12.43                                       |
| <b>Sample preparation</b>       | 2 mg/1 ml 100% Acetonitrile/Water           |
| <b>Injection volume, µl</b>     | 5                                           |
| <b>Method /Detection at, nm</b> | <b>Gradient</b>                             |
|                                 | 30-80% B                                    |
|                                 | A = 99.9% Water, 0.1% TFA                   |
| <b>Boc / 210</b>                | B = 95% Acetonitrile, 4.9% Water, 0.1% TFA  |
|                                 | 30 min, flow rate = 1.0 ml / min            |