## Chem-Impex International, Inc.

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## Certificate of Analysis

Catalogue Number 12014

Product D-Glutamic acid γ-benzyl ester α-amide

**Lot Number** 000129-13055

D-Glu(OBzl)-NH<sub>2</sub>•HCl

**CAS Number** 18800-75-4

**Molecular Formula** C<sub>12</sub>H<sub>16</sub>N<sub>2</sub>O<sub>3</sub>•HCl

**Molecular Weight** 272.5

**Appearance** White crystalline powder

**Melting Point** 181 - 182 °C

**Optical Rotation** [a]<sub>D</sub><sup>20</sup> = -18.5 ° (C=1 in MeOH)

Assay by titration 100%
Purity by HPLC 99.8%
Purity by TLC > 99%

**Storage** Store at 0 - 8 °C

**Remarks** See material safety data sheet for additional information

For laboratory use only

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

Bala Kumar

**Quality Control Manager**