## Chem-Impex International, Inc.

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## Certificate of Analysis

Catalogue Number 15436

Product 2-(4-Boc-piperazinyl)-2-phenylacetic acid

Lot Number 548543

 $\alpha$ -(4-Boc-piperazinyl)– $\alpha$ -phenylacetic acid

CAS Number 347186-49-6 Molecular Formula C<sub>17</sub>H<sub>24</sub>N<sub>2</sub>O<sub>4</sub>

Molecular Weight 320.39

**Appearance** White powder **Melting Point** 193-195 °C

TLC System Chloroform/Methanol/Acetic acid (90:8:2) Single spot

Chloroform/Methanol/Benezene/Water (8:8:8:1) Single spot

Visualized with Ninhydrin Spray

Purity by HPLC 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**