

# *Chem-Impex International, Inc.*

---

**Tel:** (630) 766-2112

**E-mail:** sales@chemimpex.com

**Shipping and Correspondence:**

935 Dillon Drive

Wood Dale, IL 60191

**Fax:** (630) 766-2218

**Web site:** www.chemimpex.com

**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

---

## *Certificate of Analysis*

|                         |   |
|-------------------------|---|
| <b>Catalogue Number</b> | 07390   |
| <b>Lot Number</b>       | PA288-196-68  |
| <b>Product</b>          | <b>Boc-<i>p</i>-trifluoromethyl-L-phenylalanine</b> |

Boc-L-Phe(4-CF<sub>3</sub>)-OH

Boc-L-Phe(4-trifluoromethyl)-OH

|                   |             |
|-------------------|-------------|
| <b>CAS Number</b> | 114873-07-3 |
|-------------------|-------------|

|                          |  |
|--------------------------|--|
| <b>Molecular Formula</b> | C <sub>15</sub> H <sub>18</sub> F <sub>3</sub> NO <sub>4</sub> |
|--------------------------|--|

|                         |        |
|-------------------------|--------|
| <b>Molecular Weight</b> | 333.31 |
|-------------------------|--------|

---

|                   |                  |
|-------------------|------------------|
| <b>Appearance</b> | Off white powder |
|-------------------|------------------|

|                          |                       |
|--------------------------|-----------------------|
| <b><sup>1</sup>H NMR</b> | Conforms to structure |
|--------------------------|-----------------------|

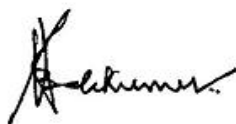
|                    |            |
|--------------------|------------|
| <b>Chiral HPLC</b> | > 98% (ee) |
|--------------------|------------|

|                       |        |
|-----------------------|--------|
| <b>Purity by HPLC</b> | 99.47% |
|-----------------------|--------|

|                |                |
|----------------|----------------|
| <b>Storage</b> | Store at 0-8°C |
|----------------|----------------|

|                |  |
|----------------|--|
| <b>Remarks</b> | See material safety data sheet for additional information<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**