

# 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>	01392
<b>Lot Number</b>	000424-141106-31809
<b>Product</b>	<b>Boc-O-tert-butyl-L-tyrosine</b>  Boc-L-Tyr(tBu)-OH  (S)-2-(Boc-amino)-3-(4-tert-butoxyphenyl)propionic acid
<b>CAS Number</b>	47375-34-8
<b>Molecular Formula</b>	C <sub>18</sub> H <sub>27</sub> NO <sub>5</sub>
<b>Molecular Weight</b>	337.4
<hr/>	
<b>Appearance</b>	White powder
<b>Solubility</b>	Clear solution (0.3 g in 2 ml DMF)
<b>Melting Point</b>	115.3-115.7 °C
<b>Water Content (Karl Fisher)</b>	0.083%
<b>Optical Rotation</b>	[α] <sub>D</sub> <sup>20</sup> = -14.3° (C=1% in DMF)
<b>Infrared Spectrum</b>	Conforms to structure
<b>Analysis by Mass Spectra</b>	Conforms to standard
<b>Loss on Drying</b>	0.58% (50 °C, 2h)
<b><sup>1</sup>H NMR</b>	Conforms to structure
<b>Purity by HPLC</b>	99.90%
<b>Storage</b>	Store at 0-8 °C

# *Certificate of Analysis*

Catalog Number: 01392

Lot Number: 000424-141106-31809

---

**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**