

# 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>	15623
<b>Lot Number</b>	663536
<b>Product</b>	<b>(R)-3-Amino-3-(3-methylphenyl)propionic acid</b>  D- $\beta$ -Phe(3-Me)-OH  (R)-3-Methyl- $\beta$ -phenylalanine
<b>CAS Number</b>	748128-33-8
<b>Molecular Formula</b>	C <sub>10</sub> H <sub>13</sub> NO <sub>2</sub>
<b>Molecular Weight</b>	179.22

---

<b>Appearance</b>	White powder
<b>Melting Point</b>	206 °C (dec.)
<b>TLC System</b>	Chloroform/Methanol/Acetic acid (90:8:2) Single spot Chloroform/Methanol/Benezene/Water (8:8:8:1) Single spot Visualized with UV/Iodine
<b>Optical Rotation</b>	[ $\alpha$ ] <sub>D</sub> <sup>25</sup> = -15.6° (C=1 in 0.5N NaOH)
<b>Purity by HPLC</b>	98%
<b>Chiral Purity</b>	99% (ee)
<b>Storage</b>	Store at 0-8 °C
<b>Remarks</b>	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