

# 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>	06542
<b>Lot Number</b>	6542-120403-1
<b>Product</b>	<b>Z-<math>\beta</math>-tert-butyl-L-alanine•DCHA</b>
	Z- $\beta$ -tBu-L-Ala-OH•DCHA
	Z-L-neopentylglycine dicyclohexylammonium salt
<b>CAS Number</b>	88319-45-3
<b>Molecular Formula</b>	C <sub>15</sub> H <sub>21</sub> NO <sub>4</sub> ·C <sub>12</sub> H <sub>23</sub> N
<b>Molecular Weight</b>	460.3

---

<b>Appearance</b>	White powder
<b>Solubility</b>	Clear, colorless solution (50 mg/mL in Methanol)
<b>Melting Point</b>	158-160 °C
<b>Optical Rotation</b>	[ $\alpha$ ] <sub>D</sub> <sup>20</sup> = -13.3° (C=1.106% in MeOH)
<b>Purity by HPLC</b>	> 99%
<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