

# 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

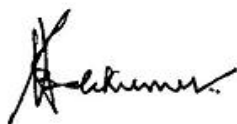
Wood Dale, IL 60191

---

## Certificate of Analysis

<b>Catalogue Number</b>	06466
<b>Product</b>	<b><i>N</i><sup>α</sup>-Z-DL-tryptophan</b>
<b>Lot Number</b>	000127-1070294 Z-DL-Trp-OH
<b>CAS Number</b>	13058-16-7
<b>Molecular Formula</b>	C <sub>19</sub> H <sub>18</sub> N <sub>2</sub> O <sub>4</sub>
<b>Molecular Weight</b>	338.4
<b>Appearance</b>	White powder
<b>Solubility</b>	Clear colorless solution (50 mg/mL in Methanol)
<b>Melting Point</b>	171 °C
<b>Elemental Analysis (Found)</b>	C = 67.6%, H = 5.5%, N = 8.3%
<b>TLC System</b>	Chloroform/Methanol/Acetic acid (85:10:5) Chloroform/Methanol/Benzene/Water (8:8:8:1) Benzene/Dioxane/Acetic acid (95:25:4) Plate: Silica gel 60 F <sub>254</sub> Detected by UV, Ninhydrin, Chlorine-tolidine
<b>Purity by TLC</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