

# Chem-Impex International, Inc.

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**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

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## Certificate of Analysis

<b>Catalogue Number</b>	17563
<b>Product</b>	<b>Z-D-nipecotic acid</b>
<b>Lot Number</b>	001932-20130626 Z-D-Nip-OH  (R)-Piperidine-1,3-dicarboxylic acid 1-benzyl ester
<b>CAS Number</b>	160706-62-7
<b>Molecular Formula</b>	C <sub>14</sub> H <sub>17</sub> NO <sub>4</sub>
<b>Molecular Weight</b>	263.29

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<b>Appearance</b>	White powder
<b>Water Content (Karl Fisher)</b>	0.70%
<b>Purity by HPLC</b>	99.30%
<b>Chiral Purity</b>	99.50% (e.e)
<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**