

# Chem-Impex International, Inc.

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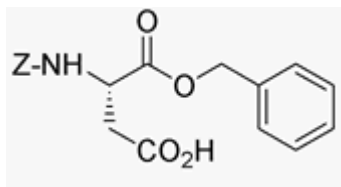
**Web site:** www.chemimpex.com

**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

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## Product Specifications

<b>Catalogue Number</b>	00549
<b>Product</b>	<b>Z-L-aspartic acid <math>\alpha</math>-benzyl ester</b>
	Z-L-Asp-OBzl
<b>CAS Number</b>	4779-31-1
<b>Molecular Formula</b>	C <sub>19</sub> H <sub>19</sub> NO <sub>6</sub>
<b>Molecular Weight</b>	357.4

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<b>Appearance</b>	White to off-white powder
<b>Water Content (Karl Fisher)</b>	$\leq 1.0\%$
<b>TLC System</b>	Chloroform/Methanol/Acetic acid (90:8:2)
<b>Optical Rotation</b>	$[\alpha]_D^{20} = -10.8 \pm 0.5^\circ$ (C=5 in AcOH)
<b>Residue On Ignition</b>	$\leq 0.2\%$
<b>Assay by titration</b>	98 - 101% (anhydrous basis)
<b>Chiral HPLC</b>	$\geq 99.5\%$ (ee)
<b>D-Enantiomer</b>	$\leq 0.5\%$
<b>Purity by HPLC</b>	$\geq 99\%$
<b>Purity by TLC</b>	$\geq 99\%$
<b>Storage</b>	Store at RT

**For Laboratory Use Only**