

# 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>	03056
<b>Lot Number</b>	001328-20130809-1
<b>Product</b>	<b>L-Glutamic acid <math>\alpha</math>-benzyl ester</b>
	L-Glu-OBzl
<b>CAS Number</b>	13030-09-6
<b>Molecular Formula</b>	C <sub>12</sub> H <sub>15</sub> NO <sub>4</sub>
<b>Molecular Weight</b>	237.3

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<b>Appearance</b>	White solid
<b>Optical Rotation</b>	[ $\alpha$ ] <sub>D</sub> <sup>25</sup> = + 11.5 ° (C=0.625, H <sub>2</sub> O 0.1N HCl)
<b><sup>13</sup>C NMR</b>	Conforms to structure
<b><sup>1</sup>H NMR</b>	Conforms to structure
<b>Purity by HPLC</b>	> 98%
<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