

# Chem-Impex International, Inc.

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825 Dillon Drive

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## Certificate of Analysis

<b>Catalogue Number</b>	06095
<b>Lot Number</b>	000424-180524-21300
<b>Product</b>	<b>L-4-trans-Hydroxyproline benzyl ester hydrochloride</b> L-Hyp-OBzl•HCl
<b>CAS Number</b>	62147-27-7
<b>Molecular Formula</b>	C <sub>12</sub> H <sub>15</sub> NO <sub>3</sub> •HCl
<b>Molecular Weight</b>	257.73

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<b>Appearance</b>	White powder
<b>Solubility</b>	Clear solution (0.3 g in 2ml water)
<b>Water Content (Karl Fisher)</b>	0.17%
<b>Infrared Spectrum</b>	Conforms to structure
<b>Analysis by Mass Spectra</b>	Conforms to standard
<b>Loss on Drying</b>	0.06% (75°C, 2h)
<b><sup>1</sup>H NMR</b>	Conforms to structure
<b>Purity by HPLC</b>	99.45%
<b>Storage</b>	Store at 0-8 °C

**Remarks** 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