

# Chem-Impex International, Inc.

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825 Dillon Drive

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## Certificate of Analysis

<b>Catalogue Number</b>	00390
<b>Lot Number</b>	000424-171218-30405
<b>Product</b>	<b>Boc-L-aspartic acid <math>\alpha</math>-benzyl ester</b>  Boc-L-Asp-OBzl
<b>CAS Number</b>	30925-18-9
<b>Molecular Formula</b>	C <sub>16</sub> H <sub>21</sub> NO <sub>6</sub>
<b>Molecular Weight</b>	323.3

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<b>Appearance</b>	White powder
<b>Solubility</b>	Clear solution (0.3 g in 2 ml DMF)
<b>Melting Point</b>	96.9 - 98.2 °C
<b>Water Content (Karl Fisher)</b>	0.071%
<b>Optical Rotation</b>	[ $\alpha$ ] <sub>D</sub> <sup>20</sup> = -23.5° (C=1 in MeOH)
<b>Infrared Spectrum</b>	Conforms to structure
<b>Analysis by Mass Spectra</b>	Conforms to standard
<b>Loss on Drying</b>	0.19% (50°C, 2h)
<b><sup>1</sup>H NMR</b>	Conforms to structure
<b>Purity by HPLC</b>	99.35%
<b>Storage</b>	Store at 0-8 °C

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**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**