

# Chem-Impex International, Inc.

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## Certificate of Analysis

<b>Catalog Number</b>	00856
<b>Product Name</b>	BOC-D-Asn-OH N <sup>α</sup> -(t-Butyloxycarbonyl)-D-asparagine
<b>Lot Number</b>	060295131142
<b>CAS Registry Number</b>	75647-01-7
<b>Molecular Formula</b>	C <sub>9</sub> H <sub>16</sub> N <sub>2</sub> O <sub>5</sub>
<b>Molecular Weight</b>	232.2
<b>Melting Point</b>	177°-179°C
<b>HPLC</b>	≥99%
<b>Specific Rotation (α<sup>25</sup><sub>D</sub>)</b>	+7.2° ± 0.5° (c=1% in DMF)
<b>TLC 1.</b> <b>EtOAc-BuOH:AcOH:H<sub>2</sub>O</b> <b>(2:1:1:1)</b>	≥99%
<b>TLC 2.</b> <b>CHCl<sub>3</sub>:MeOH:AcOH</b> <b>5:3:1</b>	≥99%
<b>Add Features</b>	α <sub>D</sub> +7.3° (c=1% DMF)
<b>Storage</b>	Store at -0°C.
<b>Remarks</b>	See material safety data sheets for additional information. For laboratory use only.

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



**Sashi Kumar**  
Quality Control Manager