

# Chem-Impex International, Inc.

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## Certificate of Analysis

<b>Catalogue Number</b>	33611
<b>Product</b>	<b>Boc-4-(acetyl-amino)-D-phenylalanine</b>
<b>Lot Number</b>	001328-2020-11-27 Boc-D-Phe(4-NHAc)-OH
<b>CAS Number</b>	1213917-89-5
<b>Molecular Formula</b>	C <sub>16</sub> H <sub>22</sub> N <sub>2</sub> O <sub>5</sub>
<b>Molecular Weight</b>	322.36

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<b>Appearance</b>	White powder
<b>Optical Rotation</b>	[α] <sub>D</sub> <sup>25</sup> = 15.3 ± 2 ° (C=1 in DMF)
<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>	98.73%
<b>Purity</b>	> 98%
<b>Storage</b>	Store at 2 - 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