

# Chem-Impex International, Inc.

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## Certificate of Analysis

<b>Catalogue Number</b>	04003
<b>Product</b>	<b><i>N</i><sup>α</sup>-Boc-<i>N</i><sup>ε</sup>-Z-L-lysine 4-nitroanilide</b>
<b>Lot Number</b>	000129-05775 Boc-L-Lys(Z)-pNA
<b>CAS Number</b>	51078-31-0
<b>Molecular Formula</b>	C <sub>25</sub> H <sub>32</sub> N <sub>4</sub> O <sub>7</sub>
<b>Molecular Weight</b>	500.34

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<b>Appearance</b>	White powder
<b>Melting Point</b>	108 - 111 °C
<b>Optical Rotation</b>	[α] <sub>D</sub> <sup>20</sup> = -7.9 ° (C=1 in MeOH)
<b>Purity by HPLC</b>	99.8%
<b>Purity by TLC</b>	> 99%
<b>Storage</b>	Store at 0 - 8 °C

<b>Remarks</b>	See material safety data sheet for additional information For laboratory use only
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The foregoing is a copy of the Certificate of Analysis as provided by our supplier



**Bala Kumar**  
Quality Control Manager