

# Chem-Impex International, Inc.

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## Certificate of Analysis

<b>Catalogue Number</b>	16776
<b>Lot Number</b>	000705-115693
<b>Product</b>	<b>L-2-Carbamoylphenylalanine</b>  (2S)-2-Amino-3-(2-carbamoylphenyl)propanoic acid
<b>Molecular Formula</b>	C <sub>10</sub> H <sub>12</sub> N <sub>2</sub> O <sub>3</sub>
<b>Molecular Weight</b>	208.21
<b>Appearance</b>	Off-white solid
<b>Melting Point</b>	205-207 °C
<b>TLC System</b>	Butanol/Acetic acid/Water (4:1:2) Single spot Chloroform/Methanol/Benzene/Water (8:8:8:1) Single spot Visualized with: UV/Iodine
<b>Optical Rotation</b>	[α] <sub>D</sub> <sup>25</sup> = -27.0° (C=1 in H <sub>2</sub> O)
<b>Purity by TLC</b>	> 98%
<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