

# *Chem-Impex International, Inc.*

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## *Product Specifications*

**Catalogue Number** 16776

**Product** **L-2-Carbamoylphenylalanine**

(2S)-2-Amino-3-(2-carbamoylphenyl)propanoic acid

**Molecular Formula** C<sub>10</sub>H<sub>12</sub>N<sub>2</sub>O<sub>3</sub>

**Molecular Weight** 208.21

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**Appearance** Off-white solid

**Melting Point** 203-209 °C

**TLC System** Butanol/Acetic acid/Water (4:1:2) Single spot  
Chloroform/Methanol/Benzene/Water (8:8:8:1) Single spot  
Visualized with: UV/Iodine

**Optical Rotation**  $[\alpha]_D^{25} = -27.0 \pm 2^\circ$  (C=1 in H<sub>2</sub>O)

**Purity by TLC**  $\geq 98\%$

**Storage** Store at 0-8 °C

**For Laboratory Use Only**