

# *Chem-Impex International, Inc.*

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825 Dillon Drive

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## *Product Specifications*

<b>Catalogue Number</b>	01323
<b>Product</b>	<b>Boc-<math>\beta</math>-alanine</b>
	Boc- $\beta$ -Ala-OH
	3-Boc-aminopropionic acid
<b>CAS Number</b>	3303-84-2
<b>Molecular Formula</b>	C <sub>8</sub> H <sub>15</sub> NO <sub>4</sub>
<b>Molecular Weight</b>	189.2
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<b>Appearance</b>	White powder
<b>Solubility</b>	Clear solution (0.3g in 2ml DMF)
<b>Melting Point</b>	72 - 82 °C
<b>Elemental Analysis (Theory)</b>	≤ 5% (C,H,N)
<b>Water Content (Karl Fisher)</b>	≤ 1%
<b>Infrared Spectrum</b>	Conforms to structure
<b>Analysis by Mass Spectra</b>	Conforms to standard
<b>Loss on Drying</b>	≤ 1% (35 °C, 2h)
<b><sup>1</sup>H NMR</b>	Conforms to structure
<b>Purity by HPLC</b>	≥ 99%
<b>Purity by TLC</b>	≥ 98%
<b>Storage</b>	Store at 0-8 °C

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**For Laboratory Use Only**