

# Chem-Impex International, Inc.

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## Certificate of Analysis

<b>Catalogue Number</b>	05578
<b>Lot Number</b>	000424-140227-31826
<b>Product</b>	<b>Boc-N-methyl-L-tyrosine dicyclohexylammonium salt</b> Boc-N-Me-L-Tyr-OH•DCHA
<b>CAS Number</b>	95105-25-2
<b>Molecular Formula</b>	C <sub>15</sub> H <sub>21</sub> NO <sub>5</sub> ·C <sub>12</sub> H <sub>23</sub> N
<b>Molecular Weight</b>	476.63

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<b>Appearance</b>	White to off-white powder
<b>Melting Point</b>	197.7-197.9 °C
<b>Water Content (Karl Fisher)</b>	0.315%
<b>Optical Rotation</b>	[α] <sub>D</sub> <sup>20</sup> = -25.4° (C=1 in MeOH)
<b>Infrared Spectrum</b>	Conforms to structure
<b>Analysis by Mass Spectra</b>	Conforms to standard
<b>Loss on Drying</b>	0.95%
<b><sup>1</sup>H NMR</b>	Conforms to structure
<b>Purity by HPLC</b>	99.78%
<b>Storage</b>	Store at 0-8 °C
<b>Remarks</b>	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