

# Chem-Impex International, Inc.

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## Certificate of Analysis

<b>Catalogue Number</b>	41077
<b>Lot Number</b>	001723-20220202
<b>Product</b>	<b>(S)-(-)-<math>\alpha,\alpha</math>-Diphenyl-2-pyrrolidinemethanol</b> (S)-(-)-2-[Diphenyl(trimethylsilyloxy)methyl]pyrrolidine
<b>CAS Number</b>	848821-58-9
<b>Molecular Formula</b>	C <sub>20</sub> H <sub>27</sub> NOSi
<b>Molecular Weight</b>	325.53

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<b>Appearance</b>	Pale yellow oil
<b>Optical Rotation</b>	[ $\alpha$ ] <sub>D</sub> <sup>20</sup> = -50.2 ° (C = 1 in CHCl <sub>3</sub> )
<b><sup>1</sup>H NMR</b>	Conforms to structure
<b>Other Enantiomer</b>	0.1%
<b>Purity by GC</b>	98.5%
<b>Chiral Purity</b>	99.9% (ee) (GC)
<b>Storage</b>	Store at 2 - 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