

# Chem-Impex International, Inc.

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**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

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## Certificate of Analysis

<b>Catalogue Number</b>	19649
<b>Product</b>	<b>(S)-2-(9H-fluoren-9-ylmethoxycarbonyl-</b>
<b>Lot Number</b>	000424-210921-23441
<b>CAS Number</b>	467442-21-3
<b>Molecular Formula</b>	C <sub>19</sub> H <sub>17</sub> F <sub>2</sub> NO <sub>4</sub>
<b>Molecular Weight</b>	361.34

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<b>Appearance</b>	Off-white powder
<b>Analysis by Mass Spectra</b>	Conforms to standard
<b><sup>1</sup>H NMR</b>	Conforms to structure
<b>Chiral HPLC</b>	99.7% (ee)
<b>Other Enantiomer</b>	0.3%
<b>Purity by HPLC</b>	99.7%
<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