

# Chem-Impex International, Inc.

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## Certificate of Analysis

<b>Catalogue Number</b>	05765
<b>Lot Number</b>	000127-1013633
<b>Product</b>	<b>Fmoc-<math>\beta</math>-alanine pentafluorophenyl ester</b> Fmoc- $\beta$ -Ala-OPfp
<b>CAS Number</b>	149303-38-8
<b>Molecular Formula</b>	C <sub>24</sub> H <sub>16</sub> F <sub>5</sub> NO <sub>4</sub>
<b>Molecular Weight</b>	477.4

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<b>Appearance</b>	White powder
<b>Appearance of Solution</b>	Clear, colorless solution (50 mg/mL in Dioxane)
<b>TLC System</b>	Chloroform/Ethylacetate (1:1) Chloroform/Ethylacetate/Acetic Acid (50:50:2) Toluene/Dioxane/Acetic Acid (95:25:4) MeOH 90% RP8 Plate: Silica gel 60 F <sub>254</sub> Detected by: UV, ninhydrin, chlorine-tolidine
<b>Assay</b>	99.7% (Cth 60.38%, Cfd 60.18%)
<b>Purity by HPLC</b>	99.9% (TFA)
<b>Purity by TLC</b>	> 99%
<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