

# Chem-Impex International, Inc.

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## Certificate of Analysis

<b>Catalogue Number</b>	33499
<b>Lot Number</b>	000129-16239
<b>Product</b>	<b><i>N</i><sup>α</sup>-Fmoc-<i>N</i><sup>ε</sup>-4-methoxytrityl-aminooxyacetyl-L-lysine</b> Fmoc-L-Lys(Mtt-Aoa)-OH
<b>CAS Number</b>	2250436-45-2
<b>Molecular Formula</b>	C <sub>43</sub> H <sub>43</sub> N <sub>3</sub> O <sub>6</sub>
<b>Molecular Weight</b>	697.8

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<b>Appearance</b>	White amorphous powder
<b>Melting Point</b>	68 - 72 °C
<b>Optical Rotation</b>	[α] <sub>D</sub> <sup>20</sup> = -8.3 ° (C=1 in DMF)
<b>Residual Solvents</b>	Methyl tert-butyl ether
<b>Assay by titration</b>	95.5%
<b>Purity by HPLC</b>	97.3%
<b>Purity by TLC</b>	> 97%
<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