

# Chem-Impex International, Inc.

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## Certificate of Analysis

<b>Catalogue Number</b>	12407
<b>Lot Number</b>	000129-17023
<b>Product</b>	<b><i>N</i><sup>α</sup>-Fmoc-<i>N</i><sup>γ</sup>-xanthyl-L-asparagine</b> Fmoc-L-Asn(Xan)-OH
<b>CAS Number</b>	185031-78-1
<b>Molecular Formula</b>	C <sub>32</sub> H <sub>26</sub> N <sub>2</sub> O <sub>6</sub>
<b>Molecular Weight</b>	534.54

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<b>Appearance</b>	White powder
<b>Melting Point</b>	192 - 194 °C
<b>Optical Rotation</b>	[α] <sub>D</sub> <sup>20</sup> = -3.7 ° (C=1 in DMF)
<b>Purity by HPLC</b>	96.2%
<b>Purity by TLC</b>	> 98%
<b>Storage</b>	Store at 0 - 8 °C
<b>Additional Information</b>	DMF : 3.8%

**Remarks** 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