

# Chem-Impex International, Inc.

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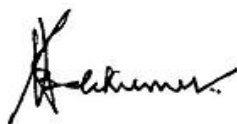
## Certificate of Analysis

<b>Catalogue Number</b>	02057
<b>Lot Number</b>	003259-2023-02-22
<b>Product</b>	<b>N<sup>a</sup>-Boc-N<sup>d</sup>-xanthyl-L-glutamine</b> Boc-L-Gln(Xan)-OH
<b>CAS Number</b>	55260-24-7
<b>Molecular Formula</b>	C <sub>23</sub> H <sub>26</sub> N <sub>2</sub> O <sub>6</sub>
<b>Molecular Weight</b>	426.5

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<b>Appearance</b>	White powder
<b>Optical Rotation</b>	[α] <sub>D</sub> <sup>25</sup> = - 9.2 ± 2 ° (C=0.2 in DMF)
<b><sup>13</sup>C NMR</b>	Conforms to structure
<b><sup>1</sup>H NMR</b>	Conforms to structure
<b>Purity by HPLC</b>	99.39%
<b>Purity</b>	> 98% (NMR)
<b>Storage</b>	Store at < 4 °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**