

# Chem-Impex International, Inc.

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Manufacturing site:

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## Certificate of Analysis

<b>Catalogue Number</b>	12246
<b>Lot Number</b>	2
<b>Product</b>	<b><i>N</i><sup>α</sup>-<i>Z</i>-<i>N</i><sup>δ</sup>-xanthyl-L-glutamine</b>

Z-L-Gln(Xan)-OH

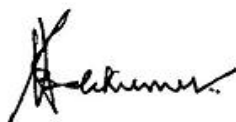
<b>CAS Number</b>	327981-01-1
<b>Molecular Formula</b>	C <sub>26</sub> H <sub>24</sub> N <sub>2</sub> O <sub>6</sub>
<b>Molecular Weight</b>	460.46

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<b>Appearance</b>	White crystalline powder
<b>Melting Point</b>	181-183 °C
<b>Optical Rotation</b>	[α] <sub>D</sub> <sup>20</sup> = -5.2° (C=5.7 in DMF)
<b>Assay by titration</b>	98.0%
<b>Purity by HPLC</b>	99.8%
<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
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The foregoing is a copy of the Certificate of Analysis as provided by our supplier



**Bala Kumar**  
**Quality Control Manager**