

# *Chem-Impex International, Inc.*

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825 Dillon Drive

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## *Certificate of Analysis*

<b>Catalogue Number</b>	02143
<b>Product</b>	<i>N<sup>α</sup>-Z-L-asparagine</i>
<b>Lot Number</b>	001388-230902003
	Z-L-Asn-OH
<b>CAS Number</b>	2304-96-3
<b>Molecular Formula</b>	C <sub>12</sub> H <sub>14</sub> N <sub>2</sub> O <sub>5</sub>
<b>Molecular Weight</b>	266.3

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<b>Appearance</b>	Off-white solid
<b>Optical Rotation</b>	[α] <sub>D</sub> <sup>20</sup> = 7 °
<b><sup>1</sup>H NMR</b>	Conforms to structure
<b>Purity by HPLC</b>	98.3%
<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**