

# Chem-Impex International, Inc.

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## Certificate of Analysis

<b>Catalogue Number</b>	06226
<b>Lot Number</b>	002058-20130520
<b>Product</b>	<b><math>\beta</math>-Chloro-L-alanine</b>
	$\beta$ -Chloro-L-Ala-OH
	3-Chloro-L-alanine
<b>CAS Number</b>	2731-73-9
<b>Molecular Formula</b>	C <sub>3</sub> H <sub>6</sub> NO <sub>2</sub> Cl
<b>Molecular Weight</b>	123.54

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<b>Appearance</b>	White Crystalline Powder
<b>Optical Rotation</b>	[ $\alpha$ ] <sub>D</sub> <sup>20</sup> = - 15.1 ° (C=1 in H <sub>2</sub> O)
<b><sup>13</sup>C NMR</b>	Complies to structure
<b><sup>1</sup>H NMR</b>	Complies to structure
<b>Purity by HPLC</b>	> 95%
<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