

# Chem-Impex International, Inc.

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Tel: (630) 766-2112

E-mail: sales@chemimpex.com

Shipping and Correspondence:

935 Dillon Drive

Wood Dale, IL 60191

Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

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## Certificate of Analysis

<b>Catalogue Number</b>	14405
<b>Lot Number</b>	000129-13098
<b>Product</b>	<b><i>N</i><sup>β</sup>-<i>Z</i>-(<i>S</i>)-3,4-Diaminobutyric acid methylester hydrochloride</b> Z-D-Dab-OMe•HCl
<b>Molecular Formula</b>	C <sub>13</sub> H <sub>18</sub> N <sub>2</sub> O <sub>4</sub> •HCl
<b>Molecular Weight</b>	302.8

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<b>Appearance</b>	White crystalline powder
<b>Melting Point</b>	120-122 °C
<b>Optical Rotation</b>	[α] <sub>D</sub> <sup>20</sup> = +6.7° (C=1 in MeOH)
<b>Assay by titration</b>	98.4%
<b>Purity by HPLC</b>	99.3%
<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

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



**Bala Kumar**  
Quality Control Manager