

# Chem-Impex International, Inc.

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## Certificate of Analysis

<b>Catalogue Number</b>	30460
<b>Lot Number</b>	000129-13074
<b>Product</b>	<b>N<sup>β</sup>-Azido-D-2,3-diaminopropionic acid hydrochloride</b> 2-(R)-amino-3-azidopropionic acid hydrochloride  H-D-Dap(N <sub>3</sub> )•HCl
<b>CAS Number</b>	105928-88-9 (net.)
<b>Molecular Formula</b>	C <sub>3</sub> H <sub>7</sub> ClN <sub>4</sub> O <sub>2</sub>
<b>Molecular Weight</b>	166.6

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<b>Appearance</b>	White crystalline powder
<b>Melting Point</b>	131-134 °C
<b>Optical Rotation</b>	[α] <sub>D</sub> <sup>20</sup> = -31.6° (C=1 in H <sub>2</sub> O)
<b><sup>1</sup>H NMR</b>	Conforms to structure
<b>Assay by titration</b>	98%
<b>Purity by HPLC</b>	99.7%
<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