

# Chem-Impex International, Inc.

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## Certificate of Analysis

<b>Catalogue Number</b>	33451
<b>Product</b>	<b>(4R)-4-Azido-L-Proline hydrochloride</b>
<b>Lot Number</b>	000129-15222 H-L-Pro(4-N <sub>3</sub> )•HCl (2S,4R) (2S,4R)-4-Azidopyrrolidine-2-carboxylic acid hydrochloride
<b>CAS Number</b>	1019849-13-8 (net)
<b>Molecular Formula</b>	C <sub>5</sub> H <sub>8</sub> N <sub>4</sub> O <sub>2</sub> •HCl
<b>Molecular Weight</b>	192.6
<b>Appearance</b>	White crystalline powder
<b>Melting Point</b>	154 - 157 °C
<b>Optical Rotation</b>	[α] <sup>20</sup> <sub>D</sub> = -34.7 ° (C=1 in MeOH)
<b>Assay by titration</b>	99.5%
<b>Purity by HPLC</b>	99.6%
<b>Purity by TLC</b>	> 97%
<b>Storage</b>	Store at 2-8 °C

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**Remarks** 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