

# Chem-Impex International, Inc.

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## Certificate of Analysis

<b>Catalogue Number</b>	15227
<b>Lot Number</b>	888148
<b>Product</b>	<b>(R)-2-Tetrahydroisoquinoline acetic acid hydrochloride</b> D-Tqa-OH•HCl
<b>CAS Number</b>	187218-03-7
<b>Molecular Formula</b>	C <sub>11</sub> H <sub>13</sub> NO <sub>2</sub> •HCl
<b>Molecular Weight</b>	227.69

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<b>Appearance</b>	Off-white powder
<b>Melting Point</b>	208-210 °C
<b>TLC System</b>	Butanol/Acetic acid/Water (4:1:2) Single spot Chloroform/Methanol/Benzene/Water (8:8:8:1) Single spot Visualized with: UV/Iodine
<b>Optical Rotation</b>	[α] <sub>D</sub> <sup>25</sup> = +23.0° (C=1 in H <sub>2</sub> O)
<b>Purity by HPLC</b>	98%
<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