

# Chem-Impex International, Inc.

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Wood Dale, IL 60191

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**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

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## Certificate of Analysis

<b>Catalogue Number</b>	02597
<b>Product</b>	<b>(3S)-1,2,3,4-Tetrahydroisoquinoline-3-</b>
<b>Lot Number</b>	001932-20190706
	Tic-OH
<b>CAS Number</b>	74163-81-8
<b>Molecular Formula</b>	C <sub>10</sub> H <sub>11</sub> NO <sub>2</sub>
<b>Molecular Weight</b>	177.2

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**Appearance** Off-white powder

**Water Content (Karl Fisher)** 0.45%

**Optical Rotation** [α]<sub>D</sub><sup>20</sup> = -167 °

**Analysis by Mass Spectra** [M+H] = 178.05

**Purity by HPLC** 99.18%

**Storage** Store at 0 - 8 °C

**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