

# Chem-Impex International, Inc.

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## Certificate of Analysis

<b>Catalogue Number</b>	37115
<b>Lot Number</b>	001367-76583
<b>Product</b>	<b>(1R)-(-)-10-Camphorsulfonic acid</b> (-)-Camphor-10-sulfonic acid (1R)-Camphor-10-sulfonic acid
<b>CAS Number</b>	35963-20-3
<b>Molecular Formula</b>	C <sub>10</sub> H <sub>16</sub> O <sub>4</sub> S
<b>Molecular Weight</b>	232.30

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<b>Appearance</b>	Off-white solid
<b>Melting Point</b>	197 - 201 °C
<b>Optical Rotation</b>	[α] <sub>D</sub> <sup>20</sup> = -21.2 ° (C = 2 in H <sub>2</sub> O)
<b><sup>1</sup>H NMR</b>	Conforms to structure
<b>Purity</b>	> 98% (NMR)
<b>Storage</b>	Store at RT
<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