

# Chem-Impex International, Inc.

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## Certificate of Analysis

<b>Catalogue Number</b>	32471
<b>Lot Number</b>	001388-181205005
<b>Product</b>	<b>7-Ethyl-10-hydroxycamptothecin</b>
<b>CAS Number</b>	86639-52-3
<b>Molecular Formula</b>	C <sub>22</sub> H <sub>20</sub> N <sub>2</sub> O <sub>5</sub>
<b>Molecular Weight</b>	392.4

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<b>Appearance</b>	Pale yellow crystalline powder
<b>Optical Rotation</b>	[α] <sub>D</sub> <sup>20</sup> = 21.7 ° (C=0.5 in DMSO)
<b>Loss on Drying</b>	0.24%
<b><sup>1</sup>H NMR</b>	Conforms to structure
<b>Purity by HPLC</b>	99.2%
<b>Storage</b>	Store at ≤ -10 °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