

# Chem-Impex International, Inc.

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825 Dillon Drive

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## Certificate of Analysis

<b>Catalogue Number</b>	40784
<b>Lot Number</b>	000901-36435100
<b>Product</b>	<b>[RuCl(<i>p</i>-cymene)((<i>S</i>)-dtbm-segphos®)]Cl</b> Chloro[( <i>S</i> )-(+)-5,5'-bis[bis(3,5-di-tert-butyl-4-methoxyphenyl)]
<b>CAS Number</b>	944451-33-6
<b>Molecular Formula</b>	C <sub>84</sub> H <sub>114</sub> Cl <sub>2</sub> O <sub>8</sub> P <sub>2</sub> Ru
<b>Molecular Weight</b>	1485.75

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<b>Appearance</b>	Orange to brown powder
<b><sup>1</sup>H NMR</b>	Conforms to structure
<b><sup>31</sup>P NMR</b>	Conforms to structure
<b>Storage</b>	Store at 2 - 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