## Chem-Impex International, Inc.

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## Certificate of Analysis

Catalogue Number Product Lot Number	41150 <b>1,2-Bis[(2<i>R</i>,5<i>R</i>)-2,5-dimethylphospholano]</b> 000901-01122009 1,2-Bis[(2 <i>R</i> ,5 <i>R</i> )-2,5-dimethylphospholan-1-yl]benzene ( <i>R</i> , <i>R</i> )-Me-DUPHOS
CAS Number	147253-67-6
Molecular Formula	$C_{18}H_{28}P_2$
Molecular Weight	306.37
Appearance	White to off-white crystal
Melting Point	81 °C
<b>Optical Rotation</b>	$[a]_{D}^{20} = -487$ °
<sup>1</sup> H NMR	Conforms to structure
<sup>31</sup> P NMR	Conforms to structure
Assay	98.7%
Storage	Store at RT
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

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Bala Kumar Quality Control Manager