Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	40749
Lot Number	002934-9243220429
Product	1,2,3,4,5-Pentaphenyl-1'-(di- <i>tert</i> - QPhos
CAS Number	312959-24-3
Molecular Formula	$C_{48}H_{47}FeP$
Molecular Weight	710.72
Appearance	Orange powder
Melting Point	234 - 236 °C
Residual Solvents	< 0.50%
¹ H NMR	Conforms to structure
³¹ P NMR	Conforms to structure
Purity by HPLC	98.2%
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