



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-300245
Lot Number: SAMPLE
Product Name: Bis[di-(tert-butyl)(4-trifluoromethylphenyl)phosphine]palladium(II) chloride
CAS Number: 887919-36-0
Molecular Formula: $C_{30}H_{44}Cl_2F_6P_2Pd$
Molecular Weight: 757.93

Test	Specification	Result
Appearance	Yellow to orange to red powder	Orange powder
Identification (1H-NMR)	Consistent with structure	Complies
Identification (13C-NMR)	Consistent with structure	Complies
Identification (19F-NMR)	Consistent with structure	Complies
Identification (31P-NMR)	Consistent with structure	Complies
Identification (Infrared Spectrum)	Consistent with structure	Complies
Purity (Silver Nitrate Titration)	8.9% - 9.8% (after oxygen)	9.8%
Gravimetric Analysis	13.5% - 14.6% PD(with dimethylglyoxime)	13.93% PD(with dimethylglyoxime)
Carbon Content	45.6% - 49.4%	47.65%

Satisfaction Guarantee: We appreciate your business and are committed to providing the highest level of quality and service. Any product that does not meet the performance standards indicated in our product literature will be replaced at no charge. Our policy is valid for one year from the date of your purchase.

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