



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-236794
Lot Number: SAMPLE
Product Name: (S)-1-[(RP)-2-(Diphenylphosphino)ferrocenyl]ethyl-di-tert-butylphosphine
CAS Number: 277306-29-3
Molecular Formula: $C_{32}H_{40}FeP_2$
Molecular Weight: 542.45

Test	Specification	Result
Appearance	Faintly orange to orange powder	Orange powder with lumps
Enantiomeric Excess	> 99%	Complies
Identification (1H -NMR)	Consistent with structure	Complies
Identification (^{31}P -NMR)	Consistent with structure	Complies
Purity (Elemental Analysis)	$\geq 97.0\%$ (C)	100.51%
Carbon Content	70.85%	71.21%
Hydrogen Content	7.43%	7.57%

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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