



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-253437
Lot Number: SAMPLE
Product Name: (Rp)-2-(tert-Butylthio)-1-(diphenylphosphino)ferrocene
CAS Number: 503859-61-8
Molecular Formula: $C_{26}H_{27}FePS$
Molecular Weight: 458.38

Test	Specification	Result
Appearance	Yellow to orange powder, crystals, crystalline powder and/or chunks	Orange powder
Enantiomeric Excess	$\geq 99.0\%$	99.9%
Identification (1H-NMR)	Consistent with structure	Complies
Identification (19F-NMR)	Consistent with structure	Complies
Purity (HPLC)	$\geq 97.5\%$	97.7%
Carbon Content	66.4 - 69.8%	67.7%
Sulfur	6.8 - 7.2%	7.1%

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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