



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-224885
Lot Number: SAMPLE
Product Name: 1,1'-Bis(phenylphosphino)ferrocene
CAS Number: 480444-12-0
Molecular Formula: $C_{22}H_{20}FeP_2$
Molecular Weight: 402.19

Test	Result
Appearance	Yellow powder
Identification (ICP)	Consistent with Iron and phosphorous components
Identification (Infrared Spectrum)	Consistent with structure
Purity (Titration)	101.0 % (with sodium thiosulfate)
Purity (TLC)	Complies
Melting Point	121.7 - 125.3 °C
Solubility	Clear and orange solution at 25 mg/ml in $CHCl_3$

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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