



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-253398
Lot Number: SAMPLE
Product Name: (R)-(+)-2,2',6,6'-Tetramethoxy-4,4'-bis(diphenylphosphino)-3,3'-bipyridine
CAS Number: 221012-82-4
Molecular Formula: $C_{38}H_{34}N_2O_4P_2$
Molecular Weight: 644.64

Test	Specification	Result
Appearance	White to tan solid, powder, crystals, crystalline powder and/or chunks	White powder
Identification (Infrared Spectrum)	Consistent with structure	Complies
Optical Rotation	94.0 - 102.0° (c = 1%, CHCl ₃)	94.9°
Carbon Content	68.3 - 73.3%	71.0%
Nitrogen Content	4.1 - 4.6%	4.3%

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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