



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-225334
Lot Number: SAMPLE
Product Name: 2-Di-tert-butylphosphino-2'-(N,N-dimethylamino)biphenyl
CAS Number: 224311-49-3
Molecular Formula: $C_{22}H_{32}NP$
Molecular Weight: 341.47

Test	Specification	Result
Appearance (Color)	White to off-white, faint yellow to light yellow, faint orange to light orange, faint tan to tan	Faint yellow
Appearance (Form)	Solid, powder, crystals, crystalline powder and/or chunks	Crystals
Identification (Infrared Spectrum)	Consistent with structure	Complies
Purity (GC)	$\geq 96.5\%$	99.3%
Carbon Content	74.7 - 80.1%	77.6%
Nitrogen Content	3.9 - 4.3%	3.9%

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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