



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-252224
Lot Number: SAMPLE
Product Name: 4'-(4-Methylphenyl)-2,2':6',2''-terpyridine
CAS Number: 89972-77-0
Molecular Formula: $C_{22}H_{17}N_3$
Molecular Weight: 323.39

Test	Specification	Result
Appearance	Light Beige to Very Dark Beige and Light Orange to Very Dark Orange Solid, Fibers, Powder or Crystals	Light Beige Solid
Identification (Infrared Spectrum)	Consistent with structure	Complies
Purity (GC)	$\geq 97.5\%$	99.6%
Carbon Content	79.7 - 83.7 %	81.7 %
Nitrogen Content	12.7 - 13.3 %	12.9 %

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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