



The Power to Question

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-251567  
Lot Number: SAMPLE  
Product Name: 1,2,3,4-Tetraphenyl-1,3-cyclopentadiene  
CAS Number: 15570-45-3  
Molecular Formula:  $C_{29}H_{22}$   
Molecular Weight: 370.48

Test	Specification	Result
Appearance	White to faint green to faint yellow powder or crystals or powder with chunk(s) or crystals with chunk(s)	Off-white crystals
Identification (1H-NMR)	Consistent with structure	Complies
Identification (Infrared Spectrum)	Consistent with structure	Complies
Purity (HPLC)	$\geq 94.5\%$ A	94.5% A
Melting Point		179.2 - 180.9 °C

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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