



The Power to Question

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-215505  
Lot Number: SAMPLE  
Product Name: N,N'-Bis(2,6-dimethylphenyl)perylene-3,4,9,10-tetracarboxylic diimide  
CAS Number: 76372-76-4  
Molecular Formula:  $C_{40}H_{26}N_2O_4$   
Molecular Weight: 598.65

Test	Specification	Result
Appearance		Burgundy solid
Identification (NMR)	Consistent with structure	Complies
Purity (TLC)	> 90%	> 98%
Absorption Excitation	524 $\pm$ 3 nm	524 nm
Extinction Coefficient	70000 $\pm$ 5000 $cm^{-1}M^{-1}$	69000 $cm^{-1}M^{-1}$

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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