



# CERTIFICATE OF ANALYSIS

*The Power to Question*

Catalog Number: sc-252322  
Lot Number: SAMPLE  
Product Name: 9-Anthracenylmethyl acrylate  
CAS Number: 31645-34-8  
Molecular Formula:  $C_{18}H_{14}O_2$   
Molecular Weight: 262.30

Test	Specification	Result
Appearance		Yellow solid
Identification (NMR)	Consistent with structure	Complies
Purity (TLC)	> 90%	> 99%
Melting Point		90 - 90.5 °C
Absorption Excitation	365 ± 3 nm in methanol	364 nm in methanol
Extinction Coefficient	11000 ± 1500 $cm^{-1}M^{-1}$ in methanol	10620 $cm^{-1}M^{-1}$ in methanol

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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