



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-279165
Lot Number: SAMPLE
Product Name: Fluorescein O-methacrylate
CAS Number: 480439-15-4
Molecular Formula: $C_{24}H_{16}O_6$
Molecular Weight: 400.38

Test	Specification	Result
Appearance	Yellow powder or crystal or chunk(s)	Light yellow powder
Identification (Infrared Spectrum)	Consistent with structure	Complies
Solution (Color)	Very dark orange to very dark red at 1% in 1N NaOH	Dark orange at 1% in 1N NaOH
Solution (Turbidity)	Clear at 1% in 1N NaOH	Complies
Absorption Excitation	486 - 492 nm in 0.1N NaOH	491 nm
Extinction Coefficient	≥ 50000	79942
Carbon Content	69.5 - 74.5%	70.6%

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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