



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-207102
Lot Number: SAMPLE
Product Name: 6-Carboxyfluoresceine diacetate
CAS Number: 3348-03-6
Molecular Formula: $C_{25}H_{16}O_9$
Molecular Weight: 460.39

Test	Specification	Result
Appearance	White to yellow powder	Off-white powder
Identification (NMR)		Consistent with structure
Purity (HPLC)	$\geq 95.00\%$	100.00%
Residual Solvents	$\leq 1.00\%$ (acetonitrile)	0.17%
Solution (Color)	Colorless to light yellow at 9.80 - 10.20 mg/ml in $CHCl_3$ /EtOH 1/1	Colorless at 10.00 mg/ml in $CHCl_3$ /EtOH 1/1
Solution (Turbidity)	Clear at 9.80 - 10.20 mg/ml in $CHCl_3$ /EtOH 1/1	Clear at 10.00 mg/ml in $CHCl_3$ /EtOH 1/1
Carbon Content	64.72 - 65.72% (anhydrous)	65.56%
Water Content (KF)	$\leq 10.00\%$	2.27%

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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