



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-290672
Lot Number: SAMPLE
Product Name: 5-(4,6-Dichloro-s-triazin-2-ylamino)fluorescein hydrochloride
CAS Number: 51306-35-5
Molecular Formula: $C_{23}H_{12}Cl_2N_4O_5 \cdot HCl$
Molecular Weight: 531.73

Test	Specification	Result
Appearance	Yellow to orange powder	Yellow orange powder
Purity (HPLC)	$\geq 90.0\%$	98.4%
Solubility	Clear to slightly hazy and yellow to yellow orange solution at 20 mg/ml in methanol	Very slightly hazy and very dark yellow solution at 20 mg/ml in methanol
Carbon Content	45.5 - 53.0%	46.9%
Nitrogen Content	8.8 - 11.5%	9.2%
Water Content (KF)	$\leq 10.0\%$	7.2%

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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