



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-231224
Lot Number: SAMPLE
Product Name: 2,7-Di-tert-butyl-9,9-dimethylxanthene-4,5-dicarboxylic acid
CAS Number: 130525-39-2
Molecular Formula: $C_{25}H_{30}O_5$
Molecular Weight: 410.50

Test	Specification	Result
Appearance	White to off white powder or crystals	White powder
Identification (Infrared Spectrum)	Consistent with structure	Complies
Purity (Sodium Hydroxide Titration)	97.5% - 102.5%	100.3%
Purity (TLC)	$\geq 98\%$	$> 98\%$
Solubility	Clear colorless to faint yellow solution at 25 mg/ml in $CHCl_3$	Clear colorless solution at 25 mg/ml in $CHCl_3$

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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