



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-214156
Lot Number: SAMPLE
Product Name: **3,3'-Bis(3-sulfopropyl)-5,5'-diphenyl-9-ethyloxacarbocyanine betaine sodium salt**
CAS Number: 33628-03-4
Molecular Formula: $C_{37}H_{35}N_2O_6S_2 \cdot Na$
Molecular Weight: 722.80

Test	Result
Appearance	Fluorescent red powder
Identification (Infrared Spectrum)	Consistent with structure
Identification (TLC)	Consistent with listing
Melting Point	265 - 270 °C (dec.)
Solubility	1% in 50% methanol; clear orange solution
UV/Visible Spectrum	E504 = 144191 (0.01 g/l in methanol)
Carbon Content	57.85%
Hydrogen Content	4.43%
Nitrogen Content	3.40%

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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