



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-358104
Lot Number: SAMPLE
Product Name: Cyanine 3 Bihexanoic Acid Dye, Succinimidyl Ester, Sodium Salt
CAS Number: 146397-20-8 (free acid)
Molecular Formula: $C_{43}H_{49}N_4NaO_{14}S_2$
Molecular Weight: 932.99
Native Source: Synthetic

Test	Specification	Result
Appearance		Red solid
Identification (1H -NMR)	Consistent with structure	Complies
Identification (Mass Spectrometry)	Consistent with structure	Complies
Purity (TLC)		90%
Atmosphere		Inert gas
Solubility		DMSO, methanol, water
Carbon Content	54.42%	53.57%
Hydrogen Content	5.20%	5.09%
Nitrogen Content	5.90%	5.47%
Sodium Content		2.80%

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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