



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-215272
Lot Number: SAMPLE
Product Name: Lumichrome
CAS Number: 1086-80-2
Molecular Formula: $C_{12}H_{10}N_4O_2$
Molecular Weight: 242.23

Test	Specification	Result
Appearance	Yellow powder, crystals, crystalline powder and/or chunks	Yellow powder
Identification (Infrared Spectrum)	Consistent with structure	Complies
Identification (TLC)	Consistent with control	Complies
Absorption Excitation (1)	348 - 358 nm	354 nm
Extinction Coefficient (1)	≥ 5700	10646
Absorption Excitation (2)	255 - 265 nm	261 nm
Extinction Coefficient (2)	≥ 25000	34598
Absorption Excitation (3)	214 - 224 nm	219 nm
Extinction Coefficient (3)	≥ 23000	34154

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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