



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-215268
Lot Number: SAMPLE
Product Name: Lucifer Yellow CH dipotassium salt
CAS Number: 71206-95-6
Molecular Formula: $C_{13}H_9K_2N_5O_9S_2$
Molecular Weight: 521.57

Test	Specification	Result
Purity (HPLC)	$\geq 80\%$ at 254 nm	90% at 254 nm
Extinction Coefficient	$12400 \pm 900 \text{ cm}^{-1}\text{M}^{-1}$	$11700 \text{ cm}^{-1}\text{M}^{-1}$
λ_{max}	$427 \pm 3 \text{ nm}$ in water	427 nm

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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