



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-215544-SL
Lot Number: SAMPLE
Product Name: Naphthol Yellow S
CAS Number: 846-70-8
Molecular Formula: $C_{10}H_8N_2Na_2O_8S$
Molecular Weight: 358.19

Test	Specification	Result
Appearance	Light yellow to yellow and light orange to orange powder	Orange powder
Identification (TLC)		Complies
Solubility	Yellow to very dark yellow and orange to very dark orange solution at 0.5g in 10 mL methanol/water 1:1	Very deep orange, very turbid (> 200 NTU)
E1%	$\geq 275/\geq 250$, water (423 - 433/387 - 397 NM)	Complies

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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