



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-203750
Lot Number: SAMPLE
Product Name: Orange G
CAS Number: 1936-15-8
Molecular Formula: $C_{16}H_{10}N_2Na_2O_7S_2$
Molecular Weight: 452.37

Test	Result
Appearance	Orange powder
Solubility	Clear orange solution in (0.1% DI water)
Dye Content	97.3%
UV Absorption	Absorptivity (1%/1 cm) at λ_{max} 478 nm: 477.8 nm Spectroscopy: 0.88
Loss on Drying	6.52%

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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