



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-214995
Lot Number: SAMPLE
Product Name: Ethyl orange sodium salt
CAS Number: 62758-12-7
Molecular Formula: $C_{16}H_{18}NaN_3O_3S$
Molecular Weight: 355.39

Test	Result
Appearance	Orange powder
Solubility	Clear orange solution (C = 0.1% in Water)
Visual Transition Range	From pH 3.0 (Red) to pH 4.8 (Orange-Yellow)
Dye Content	> 90%
E1%	996 (λ_{max} 475.0 nm in water)
Loss on Drying	3.56% (110 °C/1 hour)

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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