



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-215634
Lot Number: SAMPLE
Product Name: Orange II sodium salt
CAS Number: 633-96-5
Molecular Formula: $C_{16}H_{11}N_2NaO_4S$
Molecular Weight: 350.32

Test	Result
Appearance	Orange powder
Strength	100% against std by spectrophotometry
insoluble	1.1%
pH	9.2 (2% solution)
Solubility	60, GPL
Visual Transition Range	pH 7.4 (Amber) to pH 8.6 (Orange) pH 10.2 (Orange) to pH 11.8 (Red)
Absorbance	484nm: 0.527
Dye Content	90%
Water Content (KF)	4.5%

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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