



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-294560
Lot Number: SAMPLE
Product Name: Ethyl Red Indicator
CAS Number: 76058-33-8
Molecular Formula: $C_{17}H_{19}N_3O_2$
Molecular Weight: 297.36

| Test | Result |
|-------------------------|---|
| Appearance | Dark red powder |
| Melting Point | 136 °C |
| Residue on Ignition | 0.12% |
| Solubility | Clear, dark red solution (1 mg/mL H ₂ O) |
| Visual Transition Range | From pH 4.5 (red) To pH 6.5 (yellow) |
| λ_{max} | 450 nm in 0.1 N Sodium Hydroxide |

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.

Santa Cruz Biotechnology, Inc. 800.457.3801 831.457.3800 fax 831.457.3801 Europe +00800 4573 8000 49 62221 4503 0 www.scbt.com