



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-229952
Lot Number: SAMPLE
Product Name: 2-Benzoylcyclohexanone
CAS Number: 3580-38-9
Molecular Formula: $C_{13}H_{14}O_2$
Molecular Weight: 202.25

| Test | Specification | Result |
|------------------------------------|--|--|
| Appearance | White to yellow powder, crystals and/or chunks | Faint yellow powder |
| Identification (Infrared Spectrum) | Consistent with structure | Complies |
| Purity (TLC) | $\geq 98\%$ | $> 98\%$ |
| Solubility | Colorless to light yellow and clear solution at 25 mg/ml in CH_2Cl_2 | Colorless and clear solution at 25 mg/ml in CH_2Cl_2 |
| Carbon Content | 75.3 - 79.1% | 77.1% |

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