



The Power to Question

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-234863  
Lot Number: SAMPLE  
Product Name: Equilin benzoate  
CAS Number: 6030-80-4  
Molecular Formula:  $C_{25}H_{24}O_3$   
Molecular Weight: 372.46

| Test                               | Result                    |
|------------------------------------|---------------------------|
| Appearance                         | White crystals            |
| Identification (1H-NMR)            | Consistent with structure |
| Identification (Infrared Spectrum) | Consistent with structure |
| Melting Point                      | 194.5 - 196.0°C           |
| Optical Rotation                   | +224.7° (C=1% CHCL3)      |
| Carbon Content                     | 81.07%                    |
| Hydrogen Content                   | 6.45%                     |

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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