



The Power to Question

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-236782  
Lot Number: SAMPLE  
Product Name: (S)-(+)-Citronellyl bromide  
CAS Number: 143615-81-0  
Molecular Formula:  $C_{10}H_{19}Br$   
Molecular Weight: 219.16

| Test                               | Specification                       | Result           |
|------------------------------------|-------------------------------------|------------------|
| Appearance                         | Colorless to yellow liquid          | Colorless liquid |
| Identification (Infrared Spectrum) | Consistent with structure           | Complies         |
| Purity (GC)                        | $\geq 94.5\%$                       | 98.0%            |
| Purity (Silver Nitrate Titration)  | 94.5 - 105.5% (After O2 Combustion) | 96.8%            |
| Optical Rotation                   | 5.5 - 7.5° (c = neat)               | 7.4°             |

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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