



The Power to Question

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-251124  
Lot Number: SAMPLE  
Product Name: Terpineol  
CAS Number: 8000-41-7  
Molecular Formula:  $C_{10}H_{18}O$   
Molecular Weight: 154.25

| Test                                  | Specification                                                                                      | Result                         |
|---------------------------------------|----------------------------------------------------------------------------------------------------|--------------------------------|
| Appearance                            | Colorless clear to clear viscous liquid                                                            | Colorless clear viscous liquid |
| Identification (Infrared Spectrum)    | Consistent with structure                                                                          | Complies                       |
| Purity (GC)                           | Alpha - terpineol: 60.0 - 70.0%<br>Beta - terpineol : 5.0 -15.0%<br>Gamma - terpineol:15.0 - 25.0% | 63.6%<br>8.4%<br>21.1%         |
| Refractive Index (n <sub>20</sub> /D) | 1.483 - 1.485                                                                                      | 1.484                          |
| Water Content                         | ≤ 0.5%                                                                                             | 0.2%                           |

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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