

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-09-11 09:21:28  
 Date of Next Testing: 2029-09-10 09:21:28  
 Product Name:  **$\alpha$ -Terpineol**  
 CAS Number: 98-55-5  
 Specifications & Purity:  $\geq 95\%$ (GC), mixture of isomers  
 Lot #: I2506079  
 SKU #: **A151628**  
 Version: **0**  
 Analysis #: **476848**  
 Storage Temperature: Room temperature, Argon charged

| Parameter                                      | Limit Values                                                                           | Result                                                                                 |
|------------------------------------------------|----------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|
| Purity (mixture of isomers)(GC)                | 95-100 (%)                                                                             | 96.06400 %                                                                             |
| Refractive index n <sub>20/D</sub>             | 1.48-1.49                                                                              | 1.48230                                                                                |
| Specific Rotation [a] <sub>20/D</sub> (c=Neat) | -61--15 (°)                                                                            | -61.00000 °                                                                            |
| Appearance (A151628)                           | Colorless or White to Light Yellow solid or powder or crystals or lump or clear liquid | Colorless or White to Light Yellow solid or powder or crystals or lump or clear liquid |
| Infrared spectrum                              | Conforms to Structure                                                                  | Conforms to Structure                                                                  |



John Su  
QA & QC Manager