

## Certificate of Analysis

Date of Testing: 2022-12-02 17:13:43

Date of Next Testing: 2026-12-01 17:13:43

Product Name:  **$\alpha$ -Terpineol**

CAS Number: 98-55-5

Specifications & Purity: >95.0%(GC,sum of isomers)

Lot #: K2226277

SKU #: **A151628**

**Analysis:** **130461**

Storage Temperature: Argon charged

| Parameter                                      | Limit Values                                                                           | Result                                                                                 |
|------------------------------------------------|----------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|
| Purity (mixture of isomers)(GC)                | 95-100 (%)                                                                             | 97.44 %                                                                                |
| Specific Rotation [a] <sub>20</sub> /D(c=Neat) | -61--15 (°)                                                                            | -60.52 °                                                                               |
| Refractive index n <sub>20</sub> /D            | 1.48-1.49                                                                              | 1.48                                                                                   |
| 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