

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-03-21 19:37:13
Date of Next Testing: 2026-03-20 19:37:13
Product Name: **(S)-(-)- β -Citronellol**
CAS Number: 7540-51-4
Specifications & Purity: 99%
Lot #: C2219286
SKU #: **C111343**
Analysis: **076129**

| Parameter | Limit Values | Result |
|--|----------------------------------|----------------------------------|
| Purity(GC) | 99-100 (%) | 99.52% |
| Density (20°C) | 0.854-0.858 | 0.85 |
| Refractive index n ₂₀ /D | 1.454-1.458 | 1.46 |
| Specific Rotation [a] ₂₀ /D(c=Neat) | -7--3 (°) | -5.25° |
| Appearance (C111343) | Colorless to light yellow liquid | Colorless to light yellow liquid |
| Proton NMR spectrum | Conforms to Structure | Conforms to Structure |



John Su
QA & QC Manager