

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-06-13 18:46:07
 Date of Next Testing: 2027-06-13 18:46:07
 Product Name: **(+)-3-Carene**
 CAS Number: 498-15-7
 Specifications & Purity: $\geq 90\%$
 Lot #: F2411244
 SKU #: **C303816**
 Version: **1**
 Analysis #: **361218**
 Storage Temperature: Room temperature, Argon charged, Desiccated

Parameter	Limit Values	Result
Purity(GC)	90-100 (%)	94.10000 %
Specific Rotation $[\alpha]_{20/D}(c=\text{Neat})$	13-17 ($^{\circ}$)	15.80000 $^{\circ}$
Appearance(C303816)	Colorless to Light yellow clear liquid	Colorless to Light yellow clear liquid
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager