

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-07-18 12:26:44

Date of Next Testing: 2028-07-17 12:26:44

Product Name: **3-Carene**

CAS Number: 13466-78-9

Specifications & Purity: $\geq 90\%$ (GC)

Lot #: G2416004

SKU # **C153246**

Version **0**

Analysis #: **355578**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Density (20°C)	0.862-0.865	0.86300
Refractive index n ₂₀ /D	1.472-1.474	1.47340
Purity(GC)	88-100 (%)	93.31700 %
Appearance (C153246)	Colorless to light yellow liquid	Colorless to light yellow liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Stabilizer (0.01% alpha-tocopherol)	Conforms	Conforms



John Su
QA & QC Manager