

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-04-15 17:09:50

Date of Next Testing: 2029-04-14 17:09:50

Product Name: **3-Carene**

CAS Number: 13466-78-9

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

Lot #: F2129221

SKU #: **C153246**Version: **0**Analysis #: **493994**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Density (20°C)	0.862-0.865	0.86
Refractive index n ₂₀ /D	1.472-1.474	1.47
Purity(GC)	88-100 (%)	93.60 %
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

A handwritten signature in black ink that reads "John Su".John Su
QA & QC Manager