

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-03-10 10:24:03

Date of Next Testing: 2025-02-27 10:24:03

Product Name: **1-Hexadecene**

CAS Number: 629-73-2

Specifications & Purity: 94%

Lot #: H1916134

SKU #: **H103614****Analysis: 196908**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(GC)	94-100 (%)	96.40%
C16 (GC)	98.5-100 (%)	99.15%
vinylidenes (GC)	0-5.5 (%)	3.60%
paraffin (GC)	0-0.3 (%)	0.04%
Refractive index n ₂₀ /D	1.439-1.443	1.44
cis and trans-2-hexadecene (GC)	0-0.3 (%)	0.03%
Water by Karl Fischer	0-0.01 (%)	0.00%
Appearance (H103614)	Colorless Liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure

John Su
QA & QC Manager