

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-07-17 14:37:32

Date of Next Testing: 2025-07-06 14:37:32

Product Name: **1-Hexadecene**

CAS Number: 629-73-2

Specifications &amp; Purity: 94%

Lot #: I2129230

SKU #: **H103614****Analysis:** **252637**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(GC)	94-100 (%)	94.02%
C16 (GC)	98.5-100 (%)	98.60%
vinylidenes (GC)	0-5.5 (%)	1.00%
paraffin (GC)	0-0.3 (%)	0.01%
Refractive index n <sub>20</sub> /D	1.439-1.443	1.44
cis and trans-2-hexadecene (GC)	0-0.3 (%)	0.01%
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