

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-01-27 21:41:56

Date of Next Testing: 2024-01-17 21:41:56

Product Name: **1-Hexadecene**

CAS Number: 629-73-2

Specifications &amp; Purity: 94%

Lot #: E1824112

SKU #: **H103614****Analysis: 070935**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(GC)	94-100 (%)	95.56 %
C16 (GC)	98.5-100 (%)	99.12 %
vinylidenes (GC)	0-5.5 (%)	3.91 %
paraffin (GC)	0-0.3 (%)	0.15 %
Refractive index n <sub>20</sub> /D	1.439-1.443	1.44
cis and trans-2-hexadecene (GC)	0-0.3 (%)	0.16 %
Water by Karl Fischer	0-0.01 (%)	0.01 %
Appearance (H103614)	Colorless Liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure

John Su  
QA & QC Manager