

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-09-21 15:33:49

Date of Next Testing: 2024-09-10 15:33:49

Product Name: **1-Heptyne**

CAS Number: 628-71-7

Specifications & Purity: 97%

Lot #: L2022212

SKU #: **H100842**

Analysis: **138225**

Parameter	Limit Values	Result
Purity(GC)	97-100 (%)	97.82 %
Refractive index n ₂₀ /D	1.407-1.41	1.41
Density (20°C)	0.733-0.74	0.74
Appearance (H100842)	Colorless to Light yellow clear liquid	Colorless to Light yellow clear liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager