

## Certificate of Analysis

Date of Testing: 2022-09-03 16:50:55  
Date of Next Testing: 2026-09-02 16:50:55  
Product Name: **Heptane**  
CAS Number: 142-82-5  
Specifications & Purity: anhydrous, 99%  
Lot #: I2202166  
SKU #: **H119701**  
Analysis: **071147**

Parameter	Limit Values	Result
Density (20°C)	0.683-0.687	0.69
Evaporation Residue	0-0.0005 (%)	0.00 %
Refractive index n <sub>20</sub> /D	1.386-1.389	1.39
Purity(GC)	99-100 (%)	99.38 %
Water by Karl Fischer	0-0.001 (%)	0.00 %
Appearance (H119701)	Colorless Liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager