

## Certificate of Analysis

Date of Testing: 2024-11-11 17:20:44  
Date of Next Testing: 2028-11-10 17:20:44  
Product Name: **Heptane**  
CAS Number: 142-82-5  
Specifications & Purity:  $\geq 99\%$ (GC)  
Lot #: K2405290  
SKU #: **H108111**  
Version: **0**  
Analysis #: **428717**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(GC)	99-100 (%)	99.37 %
Refractive index n <sub>20</sub> /D	1.386-1.389	1.39
Density (20°C)	0.683-0.687	0.68
Appearance (H108111)	Colorless Liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager