

## Certificate of Analysis

Date of Testing: 2022-10-25 18:40:28  
Date of Next Testing: 2026-10-24 18:40:28  
Product Name: **1-Undecene**  
CAS Number: 821-95-4  
Specifications & Purity: >93.0%(GC)  
Lot #: J2222593  
SKU #: **U162902**  
**Analysis:** **144747**  
Storage Temperature: Store at 2-8°C,Argon charged

Parameter	Limit Values	Result
Refractive index n <sub>20</sub> /D	1.424-1.429	1.43
Density (20°C)	0.751-0.756	0.75
Purity(GC)	93-100 (%)	94.60%
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Appearance (U162902)	Colorless to light yellow liquid	Colorless to light yellow liquid



John Su  
QA & QC Manager