

Certificate of Analysis

Date of Testing: 2024-11-08 10:42:14

Date of Next Testing: 2028-11-07 10:42:14

Product Name: **1-Undecene**

CAS Number: 821-95-4

Specifications & Purity: $\geq 98\%$ (GC)

Lot #: A2112137

SKU #: **U162903**

Version: **0**

Analysis #: **433018**

| Parameter | Limit Values | Result |
|-------------------------------------|----------------------------------|----------------------------------|
| Refractive index n ₂₀ /D | 1.425-1.428 | 1.43 |
| Density (20°C) | 0.751-0.754 | 0.75 |
| Purity(GC) | 98-100 (%) | 98.00 % |
| Appearance (U162903) | Colorless to light yellow liquid | Colorless to light yellow liquid |
| Proton NMR spectrum | Conforms to Structure | Conforms to Structure |



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