

## Certificate of Analysis

Date of Testing: 2024-08-19 15:17:55  
Date of Next Testing: 2027-08-19 15:17:55  
Product Name: **4-Octyne**  
CAS Number: 1942-45-6  
Specifications & Purity: 99%  
Lot #: K2103339  
SKU #: **O106927**  
Version: **0**  
Analysis #: **401012**

Parameter	Limit Values	Result
Density (20°C)	0.751-0.755	0.75
Refractive index n <sub>20</sub> /D	1.423-1.426	1.42
Purity(GC)	99-100 (%)	99.01%
Appearance (O106927)	Colorless to Yellow Liquid	Colorless to Yellow Liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager