

## Certificate of Analysis

Date of Testing: 2022-08-08 17:13:36  
Date of Next Testing: 2023-08-03 17:13:36  
Product Name: **1-Octene**  
CAS Number: 111-66-0  
Specifications & Purity: 98%  
Lot #: H2204415  
SKU #: **O108659**  
Version: **0**  
Analysis #: **109131**  
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(GC)	98-100 (%)	98.81%
(As)Arsenic	0-3 (ppm)	0.00 ppm
Mercury(Hg)	0-1 (ppm)	0.00 ppm
Lead(Pb)	0-10 (ppm)	1.12 ppm
Cadmium(Cd)	0-1 (ppm)	0.07 ppm
Density (20°C)	0.714-0.718	0.72
Refractive index n <sub>20</sub> /D	1.407-1.411	1.41
Appearance (O108659)	Colorless Liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager