

## Certificate of Analysis

Date of Testing: 2022-09-16 13:36:43  
Date of Next Testing: 2024-09-05 13:36:43  
Product Name: **2-Octanone**  
CAS Number: 111-13-7  
Specifications & Purity: analytical standard, ≥99.5%(GC)  
Lot #: L2003072  
SKU #: **O111187**  
Analysis: **135555**

| Parameter                           | Limit Values          | Result                |
|-------------------------------------|-----------------------|-----------------------|
| Purity(GC)                          | 99.5-100 (%)          | 99.53 %               |
| Refractive index n <sub>20</sub> /D | 1.414-1.417           | 1.42                  |
| Appearance (O111187)                | Colorless Liquid      | Colorless liquid      |
| Infrared spectrum                   | Conforms to Structure | Conforms to Structure |

A handwritten signature in black ink that reads "John Su".

John Su  
QA & QC Manager