

## Certificate of Analysis

Date of Testing: 2023-09-07 09:14:37  
Date of Next Testing: 2025-08-27 09:14:37  
Product Name: **2-Undecanone**  
CAS Number: 112-12-9  
Specifications & Purity: Standard for GC, ≥99.5%(GC)  
Lot #: A2016028  
SKU #: **U109755**  
Analysis: **272427**

Parameter	Limit Values	Result
Refractive index n <sub>20</sub> /D	1.428-1.432	1.43
Purity(GC)	99.5-100 (%)	99.56 %
Appearance (U109755)	Colorless to light yellow liquid	Colorless to light yellow liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager