

## Certificate of Analysis

Date of Testing: 2022-05-14 16:27:54  
Date of Next Testing: 2026-05-13 16:27:54  
Product Name: **L(-)-Carvone**  
CAS Number: 6485-40-1  
Specifications & Purity: 99%  
Lot #: E2210047  
SKU #: **C117707**  
Version: **0**  
Analysis #: **083262**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Density (20°C)	0.961-0.963	0.96
Purity(GC)	99-100 (%)	99.04%
Specific Rotation [α] <sub>20</sub> /D(c=Neat)	-63--59 (°)	-59.01°
Appearance (C117707)	Colorless to light yellow liquid	Colorless to light yellow liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager