

## Certificate of Analysis

Date of Testing: 2024-09-14 09:02:33  
Date of Next Testing: 2028-09-13 09:02:33  
Product Name: **L(-)-Carvone**  
CAS Number: 6485-40-1  
Specifications & Purity: 99%  
Lot #: I2410056  
SKU #: **C117707**  
Version: **0**  
Analysis #: **382158**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(GC)	99-100 (%)	99.35 %
Specific Rotation [a] <sub>D</sub> <sup>20</sup> (c=Neat)	-63--59 (°)	-59.10°
Density (20°C)	0.961-0.963	0.96
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