ThermoFisher SCIENTIFIC

Certificate of Analysis

Product No.:	L07130
Product:	(S)-(+)-Carvone, 96%
Lot No.:	10220183

Appearance:	Clear pale yellow liquid
Refractive index:	1.4995 @20°C
Assay (GC):	98.9%
Optical rotation:	+56.2° (neat)
Identification (FTIR):	Conforms

Order our products online **alfa.com**

This document has been electronically generated and does not require a signature.

This is to certify that units of the lot number above were tested and found to comply with the specifications of the grade listed. Certain data have been supplied by third parties. Thermo Fisher Scientific expressly disclaims all warranties, expressed or implied, including the implied warranties of merchantability and fitness for a particular purpose. Products are for research use or further manufacturing. Not for direct administration to humans or animals. It is the responsibility of the purchaser, formulator or those performing further manufacturing to determine suitability based upon the intended use of the end product. Products are tested to meet the analytical requirements of the noted grade. The above information is the actual analytical results obtained.

Certificate of analysis

Product No.:	A13900
Product:	(R)-(-)-Carvone, 98%
Lot No.:	10216199

Appearance:	Clear colourless liquid
Refractive index:	1.4989 @20°C
Assay (GC):	99.3%
Optical rotation:	-61.1° (neat)
Identification (FTIR):	Conforms

This document has been electronically generated and does not require a signature.