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## Certificate of Analysis

(+)-Carvone - analytical standard

Product Name:

**Product Number:** 22070 Batch Number: BCCK1092 Brand: SIAL CAS Number: 2244-16-8 Formula: C10H14O Formula Weight: 150,22 g/mol Quality Release Date: 01 MAR 2023 Expiration Date: FEB 2026

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H₂C	СН₃

Test	Specification	Result
Appearance (Color)	Colorless to Light Green-Yellow to Light	Colorless
	Yellow	
Appearance (Form)	Liquid	Liquid
Purity (GC)	≥ 98.5 %	99.4 %
Specific Rotation	59.0 - 63.0 deg	59.5 deg
(20/D) Neat		
1H NMR Spectrum	Conforms to Structure	Conforms

Dr. Reinhold Schwenninger Quality Assurance

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Buchs, Switzerland CH

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.

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