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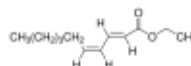
Outside USA: eurtechserv@sial.com

## Certificate of Analysis

Product Name:

Ethyl 2-trans-4-cis-decadienoate - natural, ≥95%, FG

**Product Number:** W314811  
**Batch Number:** MKCC5060  
**Brand:** ALDRICH  
**CAS Number:** 3025-30-7  
**MDL Number:** MFCD00082225  
**Formula:** C<sub>12</sub>H<sub>20</sub>O<sub>2</sub>  
**Formula Weight:** 196.29 g/mol  
**Quality Release Date:** 27 FEB 2017  
**Expiration Date:** FEB 2022



Test	Specification	Result
Appearance (Color)	Colorless to Yellow	Colorless
Appearance (Form)	Liquid	Liquid
Infrared Spectrum	Conforms to Structure	Conforms
Refractive index at 20 °C	1.482 - 1.488	1.487
Purity (GC)	≥ 95.0 %	96.5 %
Trans/cis isomer		
Color Test	≤ 500 APHA	50 APHA
Arsenic (As)	≤ 3 ppm	< 1 ppm
Cadmium (Cd)	≤ 1 ppm	< 1 ppm
Mercury (Hg)	≤ 1 ppm	< 1 ppm
Lead (Pb)	≤ 10 ppm	< 1 ppm
Expiration Date Period	-----	-----
5 Years		

Michael Grady, Manager  
 Quality Control  
 Milwaukee, WI US

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.