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Product Specification

Product Name:
2-Tridecenal – predominantly trans, ≥95%, stabilized, FCC, FG

Product Number: **W308218**
 CAS Number: 7774-82-5
 MDL: MFCD00014675
 Formula: C₁₃H₂₄O
 Formula Weight: 196.33 g/mol



TEST	Specification
Appearance (Color)	Colorless to Pale Yellow
Appearance (Form)	Liquid
Refractive index at 20 °C	1.457 - 1.462
Infrared spectrum	Conforms to Structure
¹ H NMR Spectrum	Conforms to Structure
GC Purity (sum of isomers) (cis and trans)	≥ 95.0 %
GC (% Trans Isomer)	≥ 93.0 %
Specific Gravity	0.842 - 0.862
Acid Value	≤ 5
2-Tridecenoic acid	
Alpha-Tocopherol	0.05 - 1.00 %
Solubility (Turbidity) 1ml/1ml, 95% Ethanol	Clear
Solubility (Color)	Colorless to Faint Yellow
Arsenic (As)	≤ 3 ppm
Cadmium (Cd)	≤ 1 ppm
Mercury (Hg)	≤ 1 ppm
Lead (Pb)	≤ 10 ppm
Expiration Date Period 3 Years	-----

Specification: PRD.12.ZQ5.10000029978

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.

