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## Product Specification

Product Name:  
trans-2-Dodecenal - ≥95%, stabilized, FG

Product Number: **W240206**  
CAS Number: 20407-84-5  
MDL: MFCD00014674  
Formula: C<sub>12</sub>H<sub>22</sub>O  
Formula Weight: 182.30 g/mol



TEST	Specification
Appearance (Color)	Colorless to Pale Yellow
Appearance (Form)	Liquid
Refractive index at 20 ° C	1.454 - 1.460
Infrared spectrum	Conforms to Structure
<sup>1</sup> H NMR Spectrum	Conforms to Structure
Purity (GC)	≥ 95.0 %
Specific Gravity at 25 Degrees Celsius	0.839 - 0.849
Alpha-Tocopherol	0.05 - 0.70 %
Arsenic (As)	≤ 3 ppm
Cadmium (Cd)	≤ 1 ppm
Mercury (Hg)	≤ 1 ppm
Lead (Pb)	≤ 10 ppm
Expiration Date Period 3 Years	Confirmed

Specification: PRD.8.ZQ5.10000007936

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](http://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.

