

3050 Spruce Street, Saint Louis, MO 63103, USA

Website: www.sigmaldrich.com

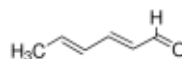
Email USA: techserv@sial.com

Outside USA: eurtechserv@sial.com

## Product Specification

Product Name:  
trans,trans-2,4-Hexadienal - ≥95%

**Product Number:** W342904  
**CAS Number:** 142-83-6  
**MDL:** MFCD00007004  
**Formula:** C<sub>6</sub>H<sub>8</sub>O  
**Formula Weight:** 96.13 g/mol  
**Storage Temperature:** 2 - 8 °C



TEST	Specification
Appearance (Color)	Yellow
Appearance (Form)	Liquid
Refractive index at 20 °C	1.537 - 1.543
Infrared Spectrum	Conforms to Structure
Proton NMR Spectrum	Conforms to Structure
Purity (GC)	≥ 95.0 %
Specific Gravity (at 25 deg C)	0.870 - 0.920
Arsenic (As)	≤ 3 ppm
Cadmium (Cd)	≤ 1 ppm
Mercury (Hg)	≤ 1 ppm
Lead (Pb)	≤ 10 ppm
Expiration Date Period 3 Years	Confirmed

Specification: PRD.1.ZQ5.10000037863

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.