

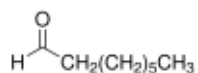
3050 Spruce Street, Saint Louis, MO 63103, USA

Website: [www.sigmaaldrich.com](http://www.sigmaaldrich.com)Email USA: [techserv@sial.com](mailto:techserv@sial.com)Outside USA: [eurtechserv@sial.com](mailto:eurtechserv@sial.com)

## Product Specification

Product Name:  
Octanal - ≥95%, FCC, FG

Product Number: **W279706**  
CAS Number: 124-13-0  
MDL: MFCD00007029  
Formula: C<sub>8</sub>H<sub>16</sub>O  
Formula Weight: 128.21 g/mol



TEST	Specification
Appearance (Color)	Colorless to Light Yellow
Appearance (Form)	Liquid
Refractive index at 20 ° C	1.417 - 1.425
Infrared spectrum	Conforms to Structure
Purity (GC)	≥ 95.0 %
Proton NMR spectra	Conforms to Structure
Specific Gravity @ 25 Degrees Celsius	0.810 - 0.830
Acid Value	≤ 10.0 ml
Arsenic (As)	≤ 3 ppm
Cadmium (Cd)	≤ 1 ppm
Mercury (Hg)	≤ 1 ppm
Lead (Pb)	≤ 10 ppm
Expiration Date Period 3 Years	Confirmed

Specification: PRD.3.ZQ5.10000003792

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.