

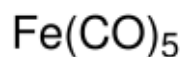
3050 Spruce Street, Saint Louis, MO 63103, USA

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

## Product Specification

Product Name:  
Iron(0) pentacarbonyl - >99.99% trace metals basis

**Product Number:** 481718  
**CAS Number:** 13463-40-6  
**MDL:** MFCD00011001  
**Formula:** C<sub>5</sub>FeO<sub>5</sub>  
**Formula Weight:** 195.90 g/mol  
**Storage Temperature:** 2 - 8 °C



TEST	Specification
Appearance (Color) Yellow-Orange to Very Dark Orange to Red	Conforms to Requirements
Appearance (Form) May contain particulate matter	Liquid
Infrared Spectrum	Conforms to Structure
Purity > 99.99% Purity Based On Trace Metals Analysis	Conforms
Trace Metal Analysis	≤ 100.0 ppm
Note Material may have to be filtered through glass wool before use. Keep residue moist, may be pyrophoric if allowed to dry.	Note

Specification: PRD.1.ZQ5.10000009725

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.