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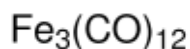
Outside USA: eurtechserv@sial.com

## Certificate of Analysis

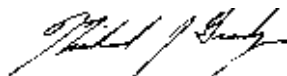
Product Name:

Triirondodecacarbonyl - contains 1-10% methyl alcohol

**Product Number:** 381411  
**Batch Number:** MKBZ2898V  
**Brand:** ALDRICH  
**CAS Number:** 17685-52-8  
**MDL Number:** MFCD00135617  
**Formula:** C<sub>12</sub>Fe<sub>3</sub>O<sub>12</sub>  
**Formula Weight:** 503.66 g/mol  
**Storage Temperature:** Store at 2-8 DEGREE C  
**Quality Release Date:** 13 MAY 2016



Test	Specification	Result
Appearance (Color) Purple to Black	Conforms to Requirements	Black
Appearance (Form)	Powder	Powder
Infrared Spectrum	Conforms to Structure	Conforms
Titration by Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> % Iron	≥ 28.3 %	33.5 %
Loss on Drying Room Temperature, 2 Hours	≤ 10.5 %	6.0 %



Michael Grady, Manager  
Quality Control  
Milwaukee, WI US

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.