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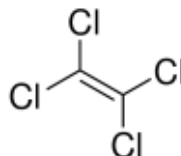
Outside USA: eurtechserv@sial.com

Certificate of Analysis

Product Name:

Tetrachloroethylene - for HPLC, ≥99.9%

Product Number: 270393
Batch Number: SHBH9691
Brand: SIGALD
CAS Number: 127-18-4
MDL Number: MFCD00000834
Formula: C2Cl4
Formula Weight: 165.83 g/mol
Quality Release Date: 27 FEB 2017



Test	Specification	Result
Appearance (Color)	Colorless	Colorless
Appearance (Form)	Liquid	Liquid
Infrared Spectrum	Conforms to Structure	Conforms
UV Absorbance 400nm	≤ 0.03	0.01
UV Absorbance 350nm	≤ 0.05	0.05
UV Absorbance 305nm	≤ 0.10	0.05
UV Absorbance 300nm	≤ 0.20	0.08
UV Absorbance 295nm	≤ 0.30	0.17
UV Absorbance 290nm	≤ 1.0	0.5
Color Test	≤ 10 APHA	< 10 APHA
Purity (GC)	≥ 99.90 %	99.94 %
Water (by Karl Fischer)	≤ 0.05 %	< 0.01 %
Residue on Evaporation	≤ 0.0005 %	< 0.0001 %

Michael Grady, Manager
Quality Control
Sheboygan Falls, 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.