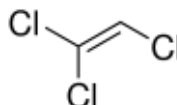


Certificate of Analysis

Product Name:

Trichloroethylene - ACS reagent, ≥99.5%

Product Number: 251402
Batch Number: SHBR4019
Brand: SIGALD
CAS Number: 79-01-6
MDL Number: MFCD00000838
Formula: C₂HCl₃
Formula Weight: 131.39 g/mol
Quality Release Date: 16 JAN 2024



Test	Specification	Result
Appearance (Color)	Colorless	Colorless
Appearance (Form)	Liquid	Liquid
Infrared Spectrum	Conforms to Structure	Conforms
GC (area %)	≥ 99.50 %	99.89 %
Water (by Karl Fischer)	≤ 0.02 %	< 0.01 %
Residue on Evaporation	≤ 0.001 %	< 0.001 %
Color Test	≤ 10 APHA	< 5 APHA
Free Halogens	Pass	Pass
Heavy Metals (as Lead)	< = 1 ppm	< = 1 ppm
Titrateable Base (meq/g)	≤ 0.0003	0.0003
Titrateable Acid (meq/g)	≤ 0.0001	< 0.0001
Meets ACS Requirements	Current ACS Specification	Conforms



Larry Coers, Director
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.

