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Certificate of Analysis

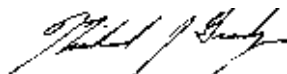
Product Name:

Carbon disulfide - ACS reagent, ≥99.9%

Product Number: 676918
Batch Number: MKCK9577
Brand: SIGALD
CAS Number: 75-15-0
MDL Number: MFCD00011321
Formula: CS₂
Formula Weight: 76.14 g/mol
Quality Release Date: 18 FEB 2020

CS₂

Test	Specification	Result
Appearance (Color)	Colorless	Colorless
Appearance (Form)	Liquid	Liquid
Infrared Spectrum	Conforms to Structure	Conforms
Color Test	≤ 10 APHA	< 5 APHA
GC (area %)	≥ 99.90 %	99.99 %
Water (by Karl Fischer)	≤ 0.05 %	< 0.01 %
Residue on Evaporation	≤ 0.002 %	< 0.001 %
Sulfur Dioxide	Pass	Pass
Hydrogen Sulfide	Pass	Pass
Meets ACS Requirements	Conforms	Conforms



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.