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Certificate of Analysis

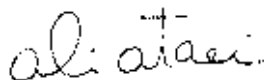
Product Name:

Carbon disulfide - ReagentPlus®, purified by redistillation, ≥99.9%

Product Number: 424641
Batch Number: MKBS9429V
Brand: SIAL
CAS Number: 75-15-0
MDL Number: MFCD00011321
Formula: CS₂
Formula Weight: 76.14 g/mol
Quality Release Date: 02 DEC 2014

CS₂

Test	Specification	Result
Appearance (Color)	Colorless	Colorless
Appearance (Form)	Liquid	Liquid
Infrared Spectrum	Conforms to Structure	Conforms
Purity (GC)	≥ 99.90 %	99.99 %
Impurity	≤ 100 ppb	< 100 ppb
Benzene		
Impurity	≤ 500 ppb	185 ppb
Total Hydrocarbon Content		
Water (by Karl Fischer)	≤ 0.03 %	< 0.01 %
Residue on Evaporation	≤ 0.0003 %	< 0.0001 %
Color Test	≤ 10 APHA	< 5 APHA
Sulfur Dioxide	Pass	Pass
Hydrogen Sulfide	Pass	Pass



Ali Ataei, 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.