

3050 Spruce Street, Saint Louis, MO 63103, USA

Website: www.sigmaaldrich.com

Email USA: techserv@sial.com

Outside USA: eurtechserv@sial.com

Product Specification

Product Name:

Chloroform - CHROMASOLV®, for HPLC, ≥99.8%, contains 0.5-1.0% ethanol as stabilizer

Product Number: 366927
CAS Number: 67-66-3
MDL: MFCD00000826
Formula: CHCl₃
Formula Weight: 119.38 g/mol



TEST	Specification
Appearance (Color)	Colorless
Appearance (Form)	Liquid
Infrared spectrum	Conforms to Structure
UV Absorbance 400nm	≤ 0.01
UV Absorbance 290nm	≤ 0.01
UV Absorbance 270nm	≤ 0.02
UV Absorbance 260nm	≤ 0.15
UV Absorbance 255nm	≤ 0.15
UV Absorbance 245nm	≤ 1.00
Purity (GC)	≥ 99.80 %
Excluding Stabilizer	
Stabilizer	0.5 - 1.0 %
V% Ethanol as Stabilizer	
Water (by Karl Fischer)	≤ 0.01 %
Residue on Evaporation	≤ 0.0003 %
"Acetone, Aldehyde"	Pass
Substances Darkened (by H ₂ SO ₄)	Pass
Color Test	≤ 10 APHA
Free Chlorine	Pass
Acid and Chloride	Pass
Lead (Pb)	≤ 0.05 ppm

Specification: PRD.1.ZQ5.10000012330

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.