

Certificate of Analysis

Product Name:

Chloroform - HPLC Plus, for HPLC, GC, and residue analysis, ≥99.9%, contains amylenes as stabilizer

Product Number: 650498
Batch Number: MKCX5182
Brand: SIGALD
CAS Number: 67-66-3
MDL Number: MFCD00000826
Formula: CHCl₃
Formula Weight: 119.38 g/mol
Quality Release Date: 05 JUN 2025
Recommended Retest Date: JUN 2030



Test	Specification	Result
Appearance (Color)	Colorless	Colorless
Appearance (Form)	Liquid	Liquid
Infrared Spectrum	Conforms to Structure	Conforms
UV Absorbance 400nm	≤ 0.005	< 0.001
UV Absorbance 275nm	≤ 0.005	0.002
UV Absorbance 250nm	≤ 0.30	0.27
UV Absorbance 245nm	≤ 1.00	0.77
Purity (GC)	≥ 99.90 %	> 99.99 %
Amylenes as Stabilizer	100 - 200 ppm	175 ppm
GC	< 10 ng/L as Heptachlor Epoxide	< 10ng/L as Heptachlor Epoxide
Fluorescence 365nm as Quinine	≤ 0.5 ppb	0.3 ppb
Water (by Karl Fischer)	≤ 0.02 %	< 0.01 %
Residue on Evaporation	≤ 0.0001 %	< 0.0001 %
Recommended Retest Period	-----	-----
5 Years		



Larry Coers, Director
Quality Control

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.



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