

**CERTIFICATE OF ANALYSIS
CHLOROFORM**

**Meets UV/HPLC Grade
(Stabilized with Ethanol)**

Lot # C21G23CAS0000CHL

Date of Manufacture: November 21, 2021

Recommended Retest Date: Three Years from Date of Manufacture

Main Catalog #: ZH30900UVHPLC

TEST	SPECIFICATIONS	RESULTS
Acetone and Aldehydes (as Acetone)	Passes Test	Passes
Acid and chloride	Passes Test	Passes
Assay (by GC-FID) (excluding Ethanol)	Min 99.9 %	> 99.99 %
Color	Max 10 APHA	5 APHA
Free chlorine	Passes Test	Passes
Lead (Pb)	Max 0.05 ppm	< 0.05 ppm
Residue after Evaporation	Max 3 ppm	< 1 ppm
Stabilizer (as Ethyl alcohol)	Between 0.5-1.0 %	0.77 %
Substances Darkened by Sulfuric acid	Passes Test	Passes
Suitability for use in Dithizone tests	Passes Test	Passes
Water (by KF coulometry)	Max 0.02 %	0.003 %
Optical Absorbance at		
245 nm	Max 1.00 AU	0.63 AU
255 nm	Max 0.15 AU	0.09 AU
260 nm	Max 0.05 AU	0.04 AU
270 nm	Max 0.02 AU	0.02 AU

Approved

Ervin O Bryan
Chemist

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TEST	SPECIFICATIONS	RESULTS
290 nm	Max 0.01 AU	0.01 AU
400 nm	Max 0.01 AU	< 0.001 AU

Form: Chloroform (Stabilized with Ethanol), HPLC/UV, # 301, Rev. 1.2, 06/16, KAD

This product is for further commercial manufacturing, laboratory or research use, and may be used as an excipient or a process solvent for pharmaceutical purposes. It is not intended for use as an active ingredient in drug manufacturing nor as a medical device or disinfectant. Appropriate/legal use of this product is the responsibility of the user.

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