



**Specification for Chloroform, Stabilized with Ethanol, Exceeds
A.C.S. Specifications, HPLC Grade (HP522)**

Item Number	HP522
Item	Chloroform, Stabilized with Ethanol, Exceeds A.C.S. Specifications, HPLC Grade
CAS Number	67-66-3
Molecular Formula	CHCl ₃
Molecular Weight	119.38
MDL Number	
Synonyms	Trichloromethane

Test	Specification	
	Min	Max
ASSAY (by GC)	99.9 %	
STABILIZER	0.5 - 1.0 %	
COLOR (APHA)		10
LIQUID CHROMATOGRAPHY	TO PASS TEST	
RESIDUE AFTER EVAPORATION		3 ppm
ACETONE & ALDEHYDE(as ACETONE)	TO PASS TEST	
ACID AND CHLORIDE	TO PASS TEST	
FREE CHLORINE (Cl)	TO PASS TEST	
LEAD (Pb)		0.05 ppm
SUBSTANCES DARKENED BY (H ₂ SO ₄)	TO PASS TEST	
SUITABILITY FOR USE IN DITHIZONE TESTS	TO PASS TEST	
WATER		0.02 %
ULTRAVIOLET ABSORBANCE (1 cm cell vs. water):		
245 nm		1.00 AU
255 nm		0.15 AU
260 nm		0.05 AU
270 nm		0.02 AU
290 nm		0.01 AU
400 nm		0.01 AU
APPEARANCE		
RETEST DATE		
DATE OF MANUFACTURE		

Spectrum Chemical Mfg Corp

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