

Chloroform, RCI Premium

CHCl ₃	FW. 119.38	Density 1 L = 1.479 Kg.
CAS-No.	67-66-3	Melting Point - 63 °C
Code	RP1027E	Boiling Point 61 °C

Specifications

(Meet A.C.S. Specifications)

Assay (by GC.)	99.8%	min.
Identity (IR)	Passes test	
Appearance	Clear	
Color (APHA)	10	max.
Water (by Coulometry)	0.02%	max.
Acidity (mEq./g.)	0.0005	max.
Residue on Evaporation	0.0005%	max.
Carbon tetrachloride (GC.)	0.01 %	max.
Dichloromethane (GC.)	0.01 %	max.
Ethanol (GC.)	0.6 - 1.0 %	
Related Substances (GC.)	0.7%	max.
Tetrachloroethylene (GC.)	0.01 %	max.
Trichloroethylene (GC.)	0.01 %	max.
Acid and Chloride	Passes test	
Aldehydes and ketones (as C ₃ H ₆ O)	0.001%	max.
Carbonyl compounds (as CO)	0.005%	max.
Chloride (Cl)	0.00002%	max.
Free acid (as HCl)	0.0002%	max.
Free Chlorine (Cl)	0.00003%	max.
Readily carbonizable substances	Passes test	
Suitability for use in dithizone tests	Passes test	
Aluminium (Al)	0.5	ppm max.
Barium (Ba)	0.1	ppm max.
Boron (B)	0.02	ppm max.
Cadmium (Cd)	0.05	ppm max.
Calcium (Ca)	0.5	ppm max.
Chromium (Cr)	0.02	ppm max.
Cobalt (Co)	0.02	ppm max.
Copper (Cu)	0.02	ppm max.
Iron (Fe)	0.1	ppm max.
Lead (Pb)	0.05	ppm max.
Magnesium (Mg)	0.1	ppm max.
Manganese (Mn)	0.02	ppm max.
Molybdenum (Mo)	0.02	ppm max.
Nickel (Ni)	0.02	ppm max.
Tin (Sn)	0.1	ppm max.
Zinc (Zn)	0.1	ppm max.

Stabilized with about 1% ethanol.

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