



DETAILS

Name	Chloroform	CAS No.	67-66-3
IUPAC name	Trichloromethane	PubChem	6212
Alternative names	Chloroform, Formyl trichloride, Methane trichloride, Methyl trichloride, Methenyl trichloride, TCM, Freon 20, R-20, UN 1888	ChEBI	35255
Structural formula	Cl ₃ CH	EINECS number	200-663-8
Source	Romania	KEGG	C13827
		RTECS number	F S9100000

SPECIFICATION – CHLOROFORM 93.0%

Test		Result	Testing method
Purity	%	93.0	
Acidity (HCL)	ppm, max	5	
Water Content	wt %, max	0.05	
Relative Density at 20°C	g/cm ³	1.480 – 1.495	
Residue on evaporation	ppm, max	50	
Appearance		Clear, Volatile liquid	

SPECIFICATION – CHLOROFORM “TYPE A”

Test		Result	Testing method
Purity	%, min	99	Chromatography
Acidity (HCL)	ppm, max	3	ASTM 4755-92
Water Content	wt %, max	0.05	SR ISO 760/94
Relative Density at 20°C	g/cm ³	1.475 – 1.487	ASTM D 1298/85
Residue on evaporation	ppm, max	50	ISO 2210
Free chlorine content		absent	ASTM D 4755/92
Methylene Chloride	%, max	1.4	
1.1 Dichloroethane	%, max	2.9	
1.2 Dichloroethylene	%, max	0.3	
Carbon Tetrachloride	%, max	0.4	
Colour		colourless	Visual inspection