

Solvents and chromatography

102442 Chloroform GR for analysis (for determinations with dithizone)

Formula Hill	CHCl ₃		
Chemical formula			
Molar mass	119.38 g/mol		
Density	1.47 g/cm ³ (20 °C)		
pH value			
Form	liquid		
Color	colourless		
Odeur	characteristic		
Melting point	-63 °C		
Boiling point	61 °C		
Vapor pressure	213 hPa (20 °C)	Solubility in water	8 g/l (20 °C)
Explosion limits		Solubility in ethanol	
Flash point		Solubility in chloroform	
Thermal decomposition		Water absorbtion	
Heat of evaporation		Saturation conc. (air)	1027 g/m ³ (20 °C)
Evaporation number	2.5	Dielectric constant	4.8 (20 °C)
Ignition temperature	982 °C	Dipole moment	1.01 Debye (20 °C)
Bulk density		Viscosity dynamical	0.56 mPa*s (20 °C)
Refractive index		Viscosity kinematical	

