



## SPECIFICATION SHEET

<b>Product Name</b>	:	Chloroform ReagentPlus $\geq 99.7$ % contains ethanol as stabilizer
<b>Product Number</b>	:	910.032
<b>Brand</b>	:	ISOLAB
<b>CAS Number</b>	:	67-66-3
<b>Formula</b>	:	$\text{CHCl}_3$
<b>Formula Weight</b>	:	119.38 g/mol

TEST NAME	SPECIFICATION	UNIT
Purity (GC)	$\geq 99.7$ %	%
Identity (IR)	passes test	
Acidity or alkalinity	passes test	
Density (d 20°C/ 4°C)	1.474 - 1.479	
Density (d 20°C/20°C)	1.479 - 1.482	
Boiling range (60-62°C)	$\geq 95$ % (v/v)	%
Chloride (Cl)	passes test	
Free chlorine (as Cl)	passes test	
Ethanol (GC)	0.3-0.8 % (v/v)	%
Related substances (GC)	$\leq 1$ % (v/v)	%
Bromochloromethane (GC)	$\leq 0.01$ %	%
1,2-Dichloroethane (GC)	$\leq 0.05$ %	%
Dichloromethane (GC)	$\leq 0.01$ %	%
Carbon tetrachloride (GC)	$\leq 0.01$ %	%
1,1,2-Trichloroethane (GC)	$\leq 0.01$ %	%
Aldehydes	passes test	
Foreign chlorine compounds	passes test	
Matter discoloured by $\text{H}_2\text{SO}_4$	$\leq 10$ Hazen	Hazen
Evaporation residue	$\leq 0.001$ %	%
Water	$\leq 0.1$ %	%

Quality Management  
Isolab Laborgerate GmbH

