



### SPECIFICATION SHEET

Product Name	:	Trichloroacetic acid, for analysis ACS, Reag. Ph Eur.
Product Number	:	974.016
Brand	:	ISOLAB
CAS Number	:	76-03-9
Formula	:	$C_2HCl_3O_2$
Formula Weight	:	163.38 g/mol

TEST NAME	SPECIFICATION	UNIT
Assay (Acidimetric)	$\geq 99.5 \%$	%
Identity (IR-spectrum)	passes test	
Appearance of solution	passes test	
In water insoluble matter	$\leq 0.003 \%$	%
Chlorides (Cl)	$\leq 0.002 \%$	%
Nitrate (NO <sub>3</sub> )	$\leq 0.002 \%$	%
Phosphate (PO <sub>4</sub> )	$\leq 0.0005 \%$	%
Sulphate (SO <sub>4</sub> )	$\leq 0.02 \%$	%
Heavy metals (as Pb)	$\leq 0.002 \%$	%
Cu (Copper)	$\leq 0.0005 \%$	%
Fe (Iron)	$\leq 0.001 \%$	%
Pb (Lead)	$\leq 0.002 \%$	%
Residue on ignition	$\leq 0.03 \%$	%
Substances reducing KMnO <sub>4</sub>	passes test	
Substances darkened by H <sub>2</sub> SO <sub>4</sub>	passes test	

Quality Management  
Isolab Laborgerate GmbH

