



### 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 <sub>2</sub> HCl <sub>3</sub> O <sub>2</sub>
Formula Weight	:	163.38 g/mol

TEST NAME	SPECIFICATION	UNIT
Assay (Acidimetric)	≥ 99.5 %	%
Identity (IR-spectrum)	passes test	
Appearance of solution	passes test	
In water insoluble matter	≤ 0.003 %	%
Chlorides (Cl)	≤ 0.002 %	%
Nitrate (NO <sub>3</sub> )	≤ 0.002 %	%
Phosphate (PO <sub>4</sub> )	≤ 0.0005 %	%
Sulphate (SO <sub>4</sub> )	≤ 0.02 %	%
Heavy metals (as Pb)	≤ 0.002 %	%
Cu (Copper)	≤ 0.0005 %	%
Fe (Iron)	≤ 0.001 %	%
Pb (Lead)	≤ 0.002 %	%
Residue on ignition	≤ 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

