



SPECIFICATION SHEET

Product Name	:	Citric acid monohydrate, for analysis ACS,ISO,Reag. Ph Eur
Product Number	:	910.046
Brand	:	ISOLAB
CAS Number	:	5949-29-1
Formula	:	$C_6H_8O_7 \cdot H_2O$
Formula Weight	:	210.14 g/mol

TEST NAME	SPECIFICATION	UNIT
Assay	99.7 - 100.3%	%
Identification	passes test	
Odour	odourless	
Appearance	Colorless white crystal	
Appearance of Solution	Passes test	
Chloride (Cl)	≤ 0.0005 %	%
Sulphate	≤ 0.01 %	%
Heavy Metals (as Pb)	≤ 0.0005 %	%
As (Arsenic)	≤ 0.0001 %	%
Hg (Mercury)	≤ 0.00005 %	%
Ca (Calcium)	≤ 0.003 %	%
Cu (Copper)	≤ 0.00001 %	%
Fe (Iron)	≤ 0.0003 %	%
Pb (Lead)	≤ 0.00005 %	%
Oxalates (as $C_2H_2O_4$)	≤ 0.01 %	%
Readily carbonisable substance	passes test	
Sulfated ash	≤ 0.05 %	%
Water	7.5 - 8.8 %	%
Particles > 1.25 mm	≤ 5 %	%
Particles < 0.20 mm	≤ 10 %	%

Quality Management
Isolab Laborgerate GmbH

