



### SPECIFICATION SHEET

**Product Name** : tri-Sodium citrate dihydrate, cryst. Ph Eur,BP,JP,USP,E 331  
**Product Number** : 969.043  
**Brand** : ISOLAB  
**CAS Number** : 6132-04-3  
**Formula** :  $C_6H_5Na_3O_7 \cdot 2 H_2O$   
**Formula Weight** : 294.10 g/mol

TEST NAME	SPECIFICATION	UNIT
Assay	99.0 - 100.5 %	%
Identity (Na)	passes test	
Identity (Citrate)	passes test	
Appearance of solution	passes test	
Acidity or alkalinity	passes test	
pH-value (5%; water)	7.5 - 9.0	
Cl (Chloride)	$\leq 0.005$ %	%
Sulphate (SO <sub>4</sub> )	$\leq 0.01$ %	%
Heavy metals (as Pb)	$\leq 0.0005$ %	%
Al (Aluminium)	$\leq 0.00032$ %	%
As (Arsenic)	$\leq 0.0001$ %	%
Hg (Mercury)	$\leq 0.00005$ %	%
Pb (Lead)	$\leq 0.00005$ %	%
Oxalate (C <sub>2</sub> O <sub>4</sub> )	$\leq 0.01$ %	%
Tartrate (C <sub>4</sub> H <sub>4</sub> O <sub>6</sub> )	passes test	
Readily carbonisable substance	passes test	
Water	11.0 - 13.0 %	%

Quality Management  
Isolab Laborgerate GmbH

