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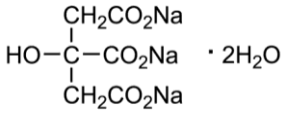
PureSynth®
Research Chemicals

Product Specification

Product Name:

Sodium citrate tribasic dihydrate, Pur*Sure*, ACS, ISO, Reag. Ph. Eur., ≥99.0%

Product No.:	PSR50791
Brand:	PureSynth
CAS No.:	6132-04-3
Molecular Formula:	$C_6H_5Na_3O_7 \cdot 2H_2O$
Molecular Weight:	294.10 g/mol



Test	Specification
Appearance	White to almost white Crystalline Powder or Granular Crystals
Assay (By Titration) (on anhydrous basis)	≥ 99.0 %
Water	NMT 13.000 %
Insoluble matter	NMT 0.005 %
pH-value (5%, H_2O, 25°C)	7.5 - 9.0
Acidity or alkalinity	Complies
Calcium (Ca)	NMT 0.005 %
Chloride (Cl)	NMT 0.001 %
Oxalate (C_2O_4)	NMT 0.0300 %
Iron (Fe)	NMT 0.0005 %
Phosphate (PO_4)	NMT 0.002 %
Sulfate (SO_4)	NMT 0.004 %
Ammonia (NH_3)	NMT 0.003 %
Total nitrogen (N)	NMT 0.001 %
Heavy metals (as Pb)	NMT 0.0005 %
Readily carbonisable substance	Complies

Specification: PS-1.0-QA/018

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For queries on this Specifications, please contact our technical team at technical@pure-synth.com