64683 Einhausen Marie-Curie-StraBe. 3, Germany
Website: www.pure-synth.com
Phone: 1800-8908-260
Email: info@pure-synth.com

PureSynth®
Research Chemicals

Certificate of Analysis

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

Product No.:	PSR50791
Lot No.:	Sample COA
Brand:	PureSynth
CAS No.:	6132-04-3
Molecular Formula:	$C_6H_5Na_3O_7 \cdot 2H_2O$
Molecular Weight:	294.10 g/mol
Date of Mfg.:	NA
Date of Exp.:	NA

Test	Specification	Result
Appearance	White to almost white Crystalline Powder or Granular Crystals	White Crystalline Powder
Assay (By Titration) (on anhydrous basis)	≥ 99.0 %	99.30 %
Water	NMT 13.000 %	11.500 %
Insoluble matter	NMT 0.005 %	< 0.005 %
pH-value (5%, H_2O, 25°C)	7.5 - 9.0	7.8
Acidity or alkalinity	Complies	Complies
Calcium (Ca)	NMT 0.005 %	< 0.005 %
Chloride (Cl)	NMT 0.001 %	< 0.001 %
Oxalate (C_2O_4)	NMT 0.0300 %	< 0.0300 %
Iron (Fe)	NMT 0.0005 %	< 0.0005 %
Phosphate (PO_4)	NMT 0.002 %	< 0.002 %
Sulfate (SO_4)	NMT 0.004 %	< 0.004 %
Ammonia (NH_3)	NMT 0.003 %	< 0.003 %
Total nitrogen (N)	NMT 0.001 %	< 0.001 %
Heavy metals (as Pb)	NMT 0.0005 %	< 0.0005 %
Readily carbonisable substance	Complies	Complies

The Certificate of Analysis (COA) is valid only for the lot specified and within the product's shelf life. Retesting is recommended after the expiry date or if storage conditions are compromised. We guarantee a proper quality within our General Conditions of Sales. The conditions are subject to change without prior notice.
For queries on this COA, please contact our technical team at technical@pure-synth.com

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Remarks:

This is to certify that the mentioned batch has been analysed at the time of quality release and has been found to be in compliance with prescribed specifications

The current Specification sheet may be available at www.pure-synth.com

Inspect on receipt

Storage Condition:

Store at room temperature and keep the container tightly closed

PureSynth Research Chemicals GmbH

This is electronically-generated copy & is valid without a signature

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