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1.14878  **Supelco®**

TOC Cell Test

★★★★★ (0)

photometric, 5.0-80.0 mg/L (TOC), Spectroquant®



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RECOMMENDED PRODUCTS



Supelco

1.14879**TOC Cell Test**

photometric, 50-800 mg/L (TOC), Spectroquant®

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PROPERTIES

Quality Level

100

product line

Spectroquant®

analyte chemical class(es)

total organic carbon (TOC)

measuring range

5.0-80.0 mg/L (TOC)

technique(s)

photometry: suitable

compatibility

for use with Spectroquant® Nova 60 A

for use with Spectroquant® Prove 100

for use with Spectroquant® Prove 300

for use with Spectroquant® Prove 600

detection method

photometric

storage temp.

15-25°C

Related Categories

[Photometry Instruments, Test Kits & Accessories](#)

DESCRIPTION

General description

Method: photometric 5.0 - 80.0 mg/l Spectroquant®

This Spectroquant TOC test allows the accurate quantification of the TOC especially in sewage outflow samples. The term TOC (Total Organic Carbon) is used to describe the total content of organically bound carbon in dissolved and undissolved forms. By digestion with sulfuric acid and peroxodisulfate, these compounds are transformed into carbon dioxide. This reacts with an indicator, the color is determined photometrically. Inorganic carbon (dissolved carbon dioxide and carbonates) is expelled beforehand by acidification.

The digestion is analogous to APHA 5310 C (2014).

All our Cell and Reagent Test Kits are equipped with the unique Live ID which allows seamless method recognition and contains essential information such as lot number, expiry date, and automatic calibration updates.

The Spectroquant Cell Tests come with prefilled 16 mm round cells as well as all the required reagents to perform the analysis according to the procedure described in the accompanying instruction leaflet.

Legal Information

SPECTROQUANT is a registered trademark of Merck KGaA, Darmstadt, Germany

SAFETY INFORMATION

Pictograms



GHS03,GHS05,GHS07,GHS08

Signal Word

Danger

Hazard Statements

H272 - H290 - H302 - H315 - H317 - H319 - H334 - H335

Precautionary Statements

P210 - P220 - P280 - P301 + P312 - P302 + P352 - P305 + P351 + P338

Hazard Classifications

Acute Tox. 4 Oral - Eye Irrit. 2 - Met. Corr. 1 - Ox. Liq. 3 - Resp. Sens. 1 - Skin Irrit. 2 - Skin Sens. 1 - STOT SE 3

Target Organs

Respiratory system

Storage Class Code

5.1B - Oxidizing hazardous materials

WGK

WGK 1

Flash Point(F)

Not applicable

Flash Point(C)

Not applicable

DOCUMENTATION

Certificate of Analysis

Enter Lot Number to search for Certificate of Analysis (COA).

SKU

e.g. T1503

Lot Number

e.g. 023J5431

How to enter Lot Number (COA)**Search****Certificate of Quality**

Enter Lot Number to search for Certificate of Quality (COQ).

SKU

e.g. T1503

Lot Number

e.g. 023J5431

How to enter Lot Number (COQ)**Search****Certificates****114878 - Certificate of Quality - Spectroquant TOC Cell Test / TOC-Küvettentest / Test en cubetas COT****Instructions For Use****114878 - Spectroquant TOC Cell Test****Analytical Procedures and Appendices Spectroquant Prove 300****Analytical Procedures and Appendices Spectroquant®Prove 600****Manual Spectroquant Multy - Operating manual****Manual Spectroquant NOVA 30****Manual Spectroquant Photometer NOVA 60A (english)****Manual Spectroquant Spectrophotometer Pharo 100****Manual Spectroquant Spectrophotometer Pharo 300****Manual Spectroquant®Prove Connect to LIMS - English****Spectroquant® Prove Quick Guide - English****Show More** ▾**Technical Information**

Programming data for Spectrophotometer and Spectroquant Test Kits

More Documents

[WFA Catalog: Water, Environmental, and Food & Beverage Analysis](#)

Quotes And Ordering

[Bulk Quote-Order Product](#)

CUSTOMERS ALSO VIEWED



Supelco

1.01758

Acid Capacity Cell Test to pH 4.3 (total alkalinity)

photometric, 0.40-8.00 mmol/L (CaCO₃), 20-400 mg/L, Spectroquant®

[View Price and Availability](#)

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PEER REVIEWED PAPERS

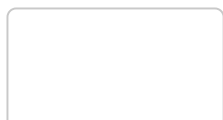
Phosphorus recovery by ion exchange in a solid carbonate: modeling of the process.

Luis A Cueto et al.

Environmental science and pollution research international, 27(14), 15984-15993 (2019-05-06)

Phosphorus (P) is a nutrient for plant growth but also a pollutant in water bodies causing eutrophication. The source of P is mainly human and animal wastewater and runoffs from different land uses. The objective of the present study is

RECENTLY VIEWED PRODUCTS



Supelco

1.14848

Phosphate Test

photometric, 0.0025-5.00 mg/L (PO₄-P), 0.0077-15.3 mg/L (PO₄³⁻), 0.0057-11.46 mg/L (P₂O₅), Spectroquant®

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Reviews

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TECHNICAL SERVICE

Our team of scientists has experience in all areas of research including Life Science, Material Science, Chemical Synthesis, Chromatography, Analytical and many others.

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