

# TOC Cleaning Validation Kits

Sampling Kit for Cleaning Validation for use with Sievers Model 800/900, Anatel ANATOC™, Teledyne Tekmar, OI Analytical Model 1010 and Shimadzu TOC-V Series\* TOC Analyzers



## Kit Components

- 12 03464 40 mL clear vials with bonded septa caps, certified < 10 µg/L TOC
- 24 TX714K Large SnapSwab™, certified < 50 µg/L TOC
- 12 blank vial labels



## Kit Components

- 72 03464 40 mL clear vials with bonded septa caps, certified < 10 µg/L TOC
- 144 TX714K Large SnapSwab™, certified < 50 µg/L TOC
- 72 blank vial labels

\* A minimum of 30 mL liquid in a vial is recommended by Shimadzu

## Description

The TOC Cleaning Validation Kits have been designed to simplify sampling for cleaning validation. Packaged in cleanroom-compatible polypropylene boxes, these unique kits contain the components necessary to sample 12 or 72 different areas in the production area, and provide for efficient transport of the samples from production to laboratory with minimal chance of contamination.

The kits contain TOC vials manufactured, analyzed, and certified to < 10 µg/L TOC by EP Scientific Products to virtually eliminate all background TOC. These prewashed vials offer a one-piece cap and septa design for easy sampling and analysis, and are endorsed for use by major manufacturers of TOC instrumentation.

The kits also contain the Large SnapSwab™ which is certified to < 50 µg/L TOC. Especially suited for sampling of larger areas, this swab has a large head on a rigid handle. Its internal head paddle provides firm support for sampling broad surfaces and flat areas, and its break-away handle allows the swab head to be placed in the vial with minimal handling.

Labels are included so samples can be properly identified at the sampling site.

## Features

### Vial attributes

- Prewashed for lowest level TOC available
- One-piece cap and septa
- Sloped shoulder design reduces background error

### Swab attributes

- Cleanroom laundered, double-layer, knitted polyester swab with break-away handle
- Thermally bonded head eliminates contaminating adhesives
- Processed using a proprietary treatment to provide extremely low background TOC levels
- Low particle and fiber generation
- Excellent chemical resistance

## Benefits

- Convenient and secure method for transporting sampling vials and swabs to sampling area
- Break-away swab handle allows head to be placed into vial with minimal handling and contamination
- Certificate of Analysis on each box
- Lot traceability
- Increased efficiency when performing cleaning validation by TOC

## Products

TX Number	Description	Packaging
TX3340	Cleaning Validation Kit contains components for 12 samples	18 kits/case
TX3342	Bulk Cleaning Validation Kit contains 72 vials and 144 swabs	1 kit/case

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Where clean is critical

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# TOC Cleaning Validation Kit

## Certificate of Analysis

### CERTIFICATE OF ANALYSIS

Description: 40 mL Clear Vial

Description: Large SnapSwab™

Bottle Type: B

QA Level: Level 1

QA Level: Level 1

### QUALITY CONTROL ANALYSIS

	ANALYTE	QUANTITY FOUND
Vial	Total Organic Carbon	< 10 µg/L
Swab	Total Organic Carbon	< 50 µg/L

This is to certify that this lot was tested by EP Scientific's full-service laboratory and found to comply with EP Scientific Products specifications for this product.

## Instructions for Use

Please consult your written SOPs for sampling instructions.

1. Dip the swab in solution.
2. Sample the area.
3. Remove vial cap.

4. Snap the swab head by placing the swab head into the vial with notch aligned with the top of the vial. Apply pressure until head snaps off and falls in vial. Avoid touching swab head.

5. Replace the cap.
6. Label the sample.

