

### TECHNICAL DATA SHEET



**TX714K** Featured in **TX3340 & TX3342** TOC Cleaning Validation Kits

**TX761K** Featured in **TX3343** TOC Cleaning Validation Kit

## Description

Texwipe's TOC Cleaning Validation Kits were designed to simplify sampling as part of a cleaning validation protocol. The swabs and vials are further cleaned using a proprietary process to make these kits excellent for use in Total Organic Carbon (TOC) analysis.

Lot coded for traceability and quality control.

## Features & Benefits

### Kit

- Organized, convenient and secure method for transporting swabs and vials from storage area to sampling sites to laboratory with minimal chance of contamination.
- Three size options available.

### Vials

- Certified Low TOC level (<10 µg/L, <10 ppb) ensures consistency in vial background contribution.
- Prewashed borosilicate glass vials have a one-piece cap and septa design for easy sampling and analysis.
- Septum thickness – 1.34 mm (0.053")
- Polyethylene overcap protects septum surface from contamination until time of analysis.
- Sloped shoulder design minimizes headspace for reduced background TOC level.
- Endorsed for use by TOC instrumentation manufacturers.

## Applications

- Surface sampling for use in:
  - TOC analysis as part of a cleaning validation protocol.
  - As part of other cleaning validation protocols.
- Non-organic liquids sampling for contamination source investigations.

### Swabs

- Certified Low TOC level (<50 µg/L, <50 ppb) ensures consistency in swab background contribution.
- Double layered, double knit polyester head entraps contaminants in knit structure during sampling. This allows maximum contaminant collection and release into the diluent to provide for excellent recovery rates.
- Notched, break-away handle allows the head to be placed into the vial with minimal handling and contamination.
- 100% polypropylene handle ensures no additional contaminants are introduced and provides excellent chemical resistance.

### Labels

- Cleanroom compatible for vial sample identification and traceability.

### Container/Box

- Double bagged and packed in a cleanroom compatible polypropylene box.

### Certificate of Analysis



Product Number: TX3342  
 Lot Number: 133636  
 Manufactured Date: 9/24/2013

**CERTIFICATE OF ANALYSIS**

Sorption			
Test	Specifications	Units	Result
Sorption Capacity	> 300 uL/swab	uL/swab	549

TOC			
Test	Specifications	Units	Result
Total Organic Carbon: Swabs	< 50 µg/L	µg/L	46.7
Total Organic Carbon: Vial	< 10 µg/L	µg/L	3.5

**CERTIFICATE OF COMPLIANCE**

ITW Texwipe certifies that the above product/material listed conforms to procedures and specifications according to ITW Texwipe Operating Procedures and Work Instructions.

ITW Texwipe certifies that the lot number provided under this Certificate has been inspected and tested, in accordance with ITW Texwipe specifications.

EXAMPLE

Approved By:  Date: October 07, 2013

Christopher R. Creasy

Time: 12:53:44 PM EST

QA-REC-7.5-002 REV.004 **Confidential**

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### Instructions for Use

1. Please consult your written SOPs for sampling instructions.
2. Dip the swab in solution.
3. Sample the area.
4. Remove the vial cap.
5. Snap the swab head by placing the swab head into the vial with the notch touching the top of vial. Avoid touching the swab head.
6. Replace the cap.
7. Label the sample.

**Note: Cleaning Validation Swab Sampling Guide available for download at [www.texwipe.com](http://www.texwipe.com)**

\* Testing Method: TM2: Laboratory Testing for Swabs. Test method is available upon request.

### Products

Number	Description	Packaging
<b>TX3340</b>	<b>Cleaning Validation Kit Components</b> <ul style="list-style-type: none"> <li>12 40 mL clear vials bonded septa caps, certified &lt;10 µg/L TOC</li> <li>24 TX714K Low TOC Alpha® Sampling Swabs, certified &lt;50 µg/L TOC</li> <li>12 blank vial labels</li> </ul>	18 kits/case
<b>TX3342</b>	<b>Bulk Cleaning Validation Kit Components</b> <ul style="list-style-type: none"> <li>72 40 mL clear vials bonded septa caps, certified &lt;10 µg/L TOC</li> <li>144 TX714K Low TOC Alpha® Sampling Swabs, certified &lt;50 µg/L TOC</li> <li>72 blank vial labels</li> </ul>	1 kit/case
<b>TX3343</b>	<b>Cleaning Validation Kit Components</b> <ul style="list-style-type: none"> <li>12 40 mL clear vials bonded septa caps, certified &lt;10 µg/L TOC</li> <li>24 TX761K Low TOC Alpha® Swab with Long Handle, certified &lt;50 µg/L TOC</li> <li>12 blank vial labels</li> </ul>	18 kits/case

Texwipe holds ISO 9001 registration.