

### T E C H N I C A L   D A T A   S H E E T

#### **TX714K** Low TOC Alpha<sup>®</sup> Sampling Swab



#### **TX761K** Low TOC Alpha<sup>®</sup> Swab with Long Handle



### Description

Texwipe's Low TOC Alpha<sup>®</sup> Swab Series is made from the cleanest 100% polyester knit materials. These swabs are further cleaned using a proprietary process to make this Series suitable for use in Total Organic Carbon (TOC) analysis as part of a cleaning validation protocol.

Precision-manufactured, every swab is constructed to exacting and consistent tolerances without the use of adhesives for superior performance.

Lot coded for traceability and quality control.

### Features & Benefits

- Certified Low TOC level (<50 µg/L, <50 ppb) ensures consistency in swab background contribution
- Double layered, double knit polyester head entraps contaminants in the 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.
- Two sizes available for sampling different sites with different requirements.
- Autoclavable for use in sterile environments and processes.

### Applications

- Surface sampling for use in cleaning validation protocols.
- Precision cleaning of hard-to-reach areas or small spaces.

### Industries

- Animal Health
- Biologics
- Food Manufacturing
- Microelectronics
- Nutraceuticals
- Pharmaceuticals

### Products

See reverse for Physical and Contamination Characteristics

### Physical Characteristics

	<b>TX714K</b> Low TOC Alpha <sup>®</sup> Sampling Swab	<b>TX761K</b> Low TOC Alpha <sup>®</sup> Swab with Long Handle
Head material	Knitted Alpha <sup>®</sup> polyester	Knitted Alpha <sup>®</sup> polyester
Head width	12.7 mm (0.500")	6.8 mm (0.268")
Head thickness	4.2 mm (0.165")	2.8 mm (0.110")
Head length	25.7 mm (1.012")	16.8 mm (0.661")
Handle material	Polypropylene	Polypropylene
Handle width	5.2 mm (0.205")	3.2 mm (0.126")
Handle thickness	3.0 mm (0.118")	3.2 mm (0.126")
Handle length	101.8 mm (4.008")	145.5 mm (5.728")
Total swab length	127.5 mm (5.020")	162.3 mm (6.390")
Head Bond	Thermal	Thermal
Handle Color	Light Green	Light Green
Design notes	Flat head paddle; long, easy-grip handle	Flexible head paddle; long handle

### Contamination Characteristics\*

Ions, µg/swab	<b>TX714K</b> Low TOC Alpha <sup>®</sup> Sampling Swab	<b>TX761K</b> Low TOC Alpha <sup>®</sup> Swab with Long Handle
Calcium	0.06	0.03
Chloride	0.05	0.02
Fluoride	0.05	0.08
Magnesium	0.03	0.02
Nitrate	0.12	0.11
Phosphate	0.09	0.10
Potassium	0.04	0.08
Sodium	0.16	0.14
Sulfate	0.12	0.13

### Nonvolatile residue, mg/swab

DIW extractant	0.01	0.01
IPA extractant	0.03	0.03

### Products

Number	Description	Packaging
<b>TX714K</b>	Low TOC Alpha <sup>®</sup> Sampling Swab	20 swabs/bag; 50 bags/case
<b>TX761K</b>	Low TOC Alpha <sup>®</sup> Swab with Long Handle	20 swabs/bag; 50 bags/case

\* Testing Method: TM2: Laboratory Testing for Swabs. Test method is available upon request. Values are typical, not representing specification limits.