

Empfohlene Reinraumklassen

ISO 5 | 6 | 7 | 8 | 9

GMP C | D

Tupfer Alpha Sampling Swab #TX715

pure[11]-Nr.: 1106315, Marke: TexWipe

Eigenschaften

- Marke: TexWipe
- Kopfform: Spachtel-/Paddelform
- Material Tupferkopf: Polyester-Gestrick
- Material Schaft: Polypropylen
- Grifflänge in mm: 101,8 mm
- Material: Polyester/Polypropylen
- Autoklavierbar
- Art des Kopfes: starr
- Kopflänge in mm: 25,7 mm
- Kopfbreite in mm: 12,7 mm
- Anzahl in kleinster Unterverpackung: 50
- Ausprägung Kopf: einseitig
- Chemikalienbeständigkeit
- Farbe Griff: Hellgrün

we care

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Material

- Polyester/Polypropylen

Verpackung

- 100STK

Produktvarianten

pure[11]-Nr.: 1106315, Tupfer Alpha Sampling Swab #TX715

Material: Polyester / VE: 100STK

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Texwipe®
An ITW Company

www.texwipe.com

TECHNICAL DATA SHEET

CLEANING VALIDATION SWABS & TOC KITS

Cleanroom Swabs

Cleaning Validation Swabs & TOC Kits

TECHNICAL DATA SHEET



TX714K Low TOC Alpha® Polyester Knit Large



TX761K Low TOC Alpha® Polyester Knit with Long Handle



TX715 Alpha® Polyester Knit Large with Notched Handle



TX716 Absorbond® Polyester Non-Woven Large with Notched Handle



Trademarked light-green color with "TEXWIPE" name embossed on handle.

Products

Number	Description	Packaging	Case
TX714K	Low TOC Alpha® Polyester Knit Large Swab	20 swabs/bag	50 bags
TX761K	Low TOC Alpha® Polyester Knit Swab with Long Handle	20 swabs/bag	50 bags
TX715	Alpha® Polyester Knit Large with Notched Handle Swab	100 swabs/bag; 2 inner bags of 50 swabs	10 bags
TX716	Absorbond® Polyester Non-Woven Large Swab with Notched Handle Swab	20 swabs/bag	50 bags

Cleanroom Swabs

Cleaning Validation Swabs & TOC Kits

TECHNICAL DATA SHEET

Description

Swabbing is a preferred method to determine the effectiveness of cleaning protocols as determined by the US FDA. HPLC/UV-Vis Total Organic Carbon (TOC) analysis are different methods used to validate these cleaning processes.

Texwipe's Alpha® Polyester Knit Series Swabs are made from the cleanest 100% polyester material. These swabs are further cleaned using a proprietary process to make the swab suitable for use in **TOC analysis:**

- TX714K
- TX761K

or in **HPLC analysis** using a UV detector analytical method as part of a cleaning validation protocol:

- TX715

The **Absorbond® Polyester Non-Woven Large Swab** (TX716) is manufactured with 100% polyester nonwoven fabric which contains no contaminating surfactants. Recommended for HPLC analysis.

These swabs are the ideal tools for use in Cleaning Validation of equipment used in the manufacture of APIs, excipients, drugs, and biotech products.

Applications

- Surface sampling for use as part of a cleaning validation protocol
- Pharmaceutical manufacturing cleaning validation with HPLC/UV-Vis or TOC protocol
- Appropriate for applications needing very low levels of contaminants

Industries

Aerospace	Animal Laboratory	Biologics
Cleanroom Design/Build	Compounding Pharmacies	Data Storage
Facilities Maintenance	Food Industry	Laboratory
Medical Device	Microelectronics	Pharmaceutical
Printing/Graphics	Semiconductor	USP <797> / USP <800>

Features & Benefits

- All Cleaning Validation swabs are precision-manufactured and constructed to exacting and consistent tolerances without the use of adhesives for superior performance
- Notched, rigid 100% polypropylene, break-away handle allows the head to be placed into the vial with minimal handling and contamination and provides excellent chemical resistance
- Lot coded for traceability and quality control

Alpha® Polyester Knit Series Swabs

- TX714K, TX761K: 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, allowing maximum contaminant collection and release into the diluent to provide for excellent recovery rates
- TX715: This swab is additionally processed to reduce the UV background. Proprietary cleaning process reduces interference in the 230 nm range, resulting in an improved limit of detection

Absorbond® Polyester Non-Woven Series Swabs

- The nonwoven polyester head provides excellent recovery rates by entrapping contaminants in the swab structure without adhering to the swab head, allowing complete release into the diluent

Shelf Life

- 5 years from date of manufacture

Click here to find Cleaning Validation swabs on www.texwipe.com

Cleanroom Swabs

Cleaning Validation Swabs & TOC Kits

TECHNICAL DATA SHEET



TX3340



TX3343



TX714K Swabs are included in **TX3340** & **TX3342** TOC Cleaning Validation Kits



TX761K Swabs are included in **TX3343** TOC Cleaning Validation Kit



TX3342

Products

Number	Description	Case
TX3340	Cleaning Validation Kit Components • 12 40 mL clear vials with bonded septa caps, certified <10 µg/L TOC • 24 TX714K Low TOC Alpha® Sampling Swabs, certified <50 µg/L TOC • 12 blank vial labels	18 kits
TX3342	Cleaning Validation Kit Components • 72 40 mL clear vials with bonded septa caps, certified <10 µg/L TOC • 144 TX714K Low TOC Alpha® Sampling Swabs, certified <50 µg/L TOC • 72 blank vial labels	1 kit
TX3343	Cleaning Validation Kit Components • 12 40 mL clear vials with bonded septa caps, certified <10 µg/L TOC • 24 TX761K Low TOC Alpha® Swab with Long Handle, certified <50 µg/L TOC • 12 blank vial labels	18 kits

Cleanroom Swabs

Cleaning Validation Swabs & TOC Kits

TECHNICAL DATA SHEET

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.

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

Industries

Aerospace	Animal Laboratory	Biologics
Cleanroom Design/Build	Compounding Pharmacies	Data Storage
Facilities Maintenance	Food Industry	Laboratory
Medical Device	Microelectronics	Pharmaceutical
Printing/Graphics	Semiconductor	USP <797> / USP <800>

Click here to find TOC Cleaning Validation kits on www.texwipe.com

Click here to watch the TOC Cleaning Validation Swab Sampling Guide

Features & Benefits

Kit

- Organized, convenient and secure method for transporting swabs and vials from storage area to sampling sites and laboratory with minimal chance of contamination
- Doubled bagged to reduce the risk of contamination

Vials/Caps

- Certified Low TOC level (<10 µg/L, <10 ppb) ensures consistency in vial background contribution.
- Pre-washed borosilicate glass vials have caps with a one-piece cap-and-septum design for easy extraction of the vial content
- 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

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

- Cleanroom compatible polypropylene box

Shelf Life

- 5 years from date of manufacture

Cleanroom Swabs

Cleaning Validation Swabs & TOC Kits

TECHNICAL DATA SHEET

Physical Characteristics

	TX714K	TX715	TX761K	TX716
Head material	Alpha® Polyester Knit	Alpha® Polyester Knit	Alpha® Polyester Knit	Non-Woven Polyester
Head width	12.7 mm (0.500")	12.7 mm (0.500")	6.8 mm (0.268")	12.7 mm (0.500")
Head thickness	4.2 mm (0.165")	4.2 mm (0.165")	2.8 mm (0.110")	4.2 mm (0.165")
Head length	25.7 mm (1.012")	25.7 mm (1.012")	16.8 mm (0.661")	25.7 mm (1.012")
Handle material	Polypropylene	Polypropylene	Polypropylene	Polypropylene
Handle width	5.2 mm (0.205")	5.2 mm (0.205")	3.2 mm (0.126")	5.2 mm (0.205")
Handle thickness	3.0 mm (0.118")	3.0 mm (0.118")	3.2 mm (0.126")	3.0 mm (0.118")
Handle length	101.8 mm (4.008")	101.8 mm (4.008")	145.5 mm (5.728")	101.8 mm (4.008")
Total swab length	127.5 mm (5.020")	127.5 mm (5.020")	162.3 mm (6.390")	127.5 mm (5.020")
Head bond	Thermal	Thermal	Thermal	Thermal
Handle color	Light Green	Light Green	Light Green	Light Green
Design notes	Flat head paddle; long, easy-grip handle	Flat head paddle; long, easy-grip handle	Flexible head paddle; long handle	Flat head paddle; long, easy-grip handle

Contamination Characteristics*

Ions, µg/swab	TX714K	TX715	TX761K	TX716
Calcium	0.06	0.06	0.03	< 0.01
Chloride	0.05	0.13	0.02	0.16
Fluoride	0.05	0.10	0.08	< 0.01
Magnesium	0.03	0.03	0.02	< 0.01
Nitrate	0.12	0.11	0.11	< 0.01
Phosphate	0.09	0.12	0.10	< 0.01
Potassium	0.04	0.05	0.08	0.05
Sodium	0.16	0.16	0.14	0.06
Sulfate	0.12	0.10	0.13	0.41
Non-Volatile Residue, mg/swab				
DIW extractant	0.01	0.01	0.01	
IPA extractant	0.03	0.03	0.03	< 0.01

Note: The data in this table represent typical analyses.

***Test Methods:** Available upon request. Contact Texwipe Customer Service at www.texwipe.com or info@texwipe.com for a copy.

Storage Conditions: Store at ambient conditions, defined as temperatures between 59°F (15°C) and 86°F (30°C).

Texwipe holds an ISO 9001:2015 registration.
All Texwipe products conform to GHS classification for labeling (where applicable).
Shipping classification based on weight of inner package.

Made in The Philippines

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An ITW Company

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