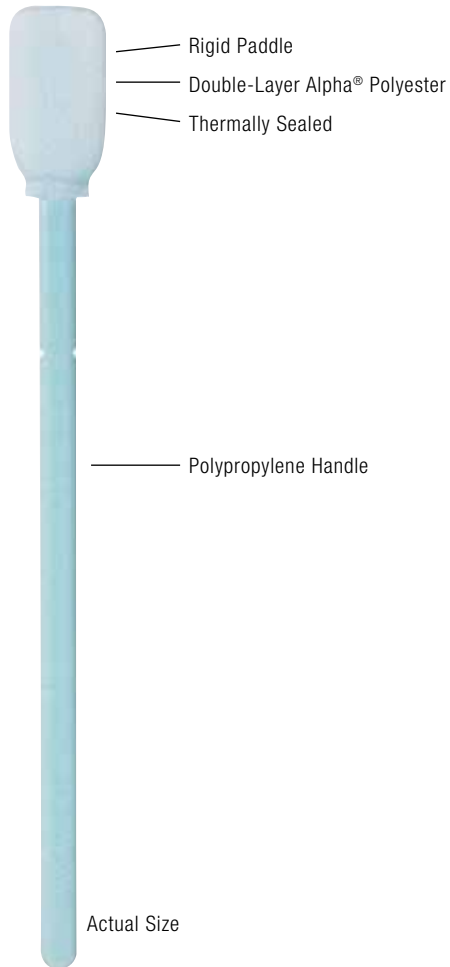


Alpha[®] Sampling Swab

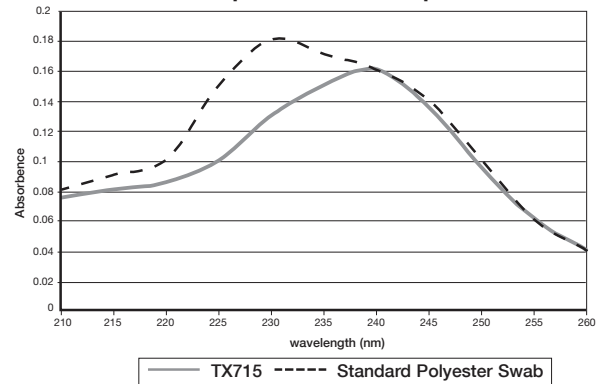
Alpha Series



Description

The Alpha[®] Sampling Swab is a polyester swab specifically engineered for cleaning validation using analytical techniques such as HPLC and UV/visible spectroscopy. The laundered, knitted polyester head provides sampling with minimal background contamination (see chart). A long, rigid handle and internal head paddle provide firm support and even contact with the sampling area. The swab handle is notched so the head can easily be snapped off for convenient sample handling. The Alpha Sampling Swab is not appropriate for TOC analysis.

UV Spectrometer Comparison



Features

- Cleanroom-laundered, double-layer knitted AlphaLite[®] polyester
- Proprietary cleaning process to remove interference in the 230 nm range
- Long, firm polypropylene handle for support during sampling
- Rigid paddle inside the polyester head to maintain complete and consistent surface contact
- Soft and nonabrasive
- Notched handle for swab sampling
- Autoclavable

Benefits

- Very low nonvolatile residue for more precise sampling
- Low particle and very low fiber generation
- Good sorbency of surface contaminants and good release into analyte
- No contaminating adhesive residues
- Excellent chemical and solvent resistance
- Easy snap-off head

Applications

- Sampling surfaces for cleaning validation
- Environmental monitoring for surface bioburden
- Not to be used for TOC validation

Products

TX Number	Description	Packaging
TX715	Alpha [®] Sampling Swab	Bag-Within-A-Bag [®] 100 swabs/bag 2 inner bags of 50 swabs 10 bags/case



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Alpha[®] Sampling Swab

Physical Characteristics

Head material	Knitted Alpha [®] polyester
Head width	12.7 mm (0.500")
Head thickness	4.2 mm (0.165")
Head length	25.7 mm (1.012")
Handle material	Polypropylene
Handle width	5.2 mm (0.205")
Handle thickness	3.0 mm (0.118")
Handle length	101.8 mm (4.008")
Total swab length	127.5 mm (5.020")
Head bond	Thermal
Handle color	Light green
Design notes	Flat head paddle; long, easy-grip handle

Contamination Characteristics

Property	Measurement	Test Method*
Nonvolatile residue		
IPA extractant	0.12 mg/swab	
Ions		
Chloride	0.24 µg/swab	TM2: Laboratory Testing For Swabs
Sulfate	0.44 µg/swab	
Nitrate	0.48 µg/swab	
Phosphate	0.50 µg/swab	
Fluoride	0.11 µg/swab	
Potassium	0.13 µg/swab	
Calcium	0.07 µg/swab	
Sodium	0.16 µg/swab	
Magnesium	0.05 µg/swab	

*Test procedures available upon request.