

# Lab-Tips® LTP125TOC Large Head Low TOC Sampling Swab

Cleanroom laundered double layer 100% polyester knit swab



The LTP125TOC large knitted polyester swab has been specifically designed for surface cleaning validation using the analytical technique of total organic carbon (TOC) analysis. It's unique semi-flexible internal paddle provides greater surface coverage and grooves on the handle make for easy snapping. Each QC lot is certified with ultra-low TOC levels, <50ppb.



### Key Attributes

- Certified ultra-low TOC levels (<50ppb)
- Cleanroom laundered 100% continuous filament 2-ply polyester knit head
- Long polypropylene handle with a large semi-flexible paddle head
- Thermally bonded head
- Grooves on handle for easy snapping
- Laundered and packaged in Class 10 (ISO Class 4) cleanroom
- Certificates of Conformance (COC) are available on the web 24/7

### Benefits

- Critically low particles, fibers, ions and extractables
- Excellent chemical resistance
- High abrasion resistance while soft and non-abrasive
- No contaminating adhesives and good sorbency
- Autoclavable
- Free from Silicone, Amides and DOP

### Applications

- TOC sampling surfaces for cleaning validation in many industries including medical device, in vitro diagnostics, pharmaceutical, reusable medical devices



Actual Size

### Physical Characteristics

Head Material	Knitted Polyester	Handle Thickness	2.8mm {0.110"}
Head Width	12.7mm {0.50"}	Handle Length	100mm {3.94"}
Head Thickness	5mm {0.196"}	Total Swab length	125mm {4.92"}
Head Length	25mm {0.984"}	Head bond	Thermal
Handle Material	Polypropylene	Handle colour	Yellow
Handle width	5.5mm {0.216"}		

Attribute		Units	Value	Test Method
Non-Volatile Residue	IPA	mg/swab	0.075	IEST-RP.CC004.3, Sec 7.1.1
Ions	Chloride	µg/swab	0.11	IEST-RP.CC004.3, Sec 7.1.2
	Sulfate	µg/swab	0.061	
	Nitrate	µg/swab	ND*	
	Phosphate	µg/swab	ND*	
	Fluoride	µg/swab	ND*	
	Potassium	µg/swab	0.010	
	Calcium	µg/swab	0.082	
	Sodium	µg/swab	0.032	
	Magnesium	µg/swab	0.011	

### Notes:

- Data shown are typical values
- Due to differences in test methods applied and equipment utilized by different swab manufacturers, valid product comparisons may only be obtained through side-by-side testing in the same test facility, under similar conditions
- ND\* = below the detection limit of the equipment.

Product	Number	Size	Swabs/pk	Pks/Cs
Large Head Knitted Polyester TOC	LTP125TOC.25	125mm	20	25