



1525 N. Endeavor Pl., Suite E. Anaheim, CA 92801

Tel: (714) 635-2222, Fax: (714) 635-2223, WWW.Q-LEAP.US

## SWAB SPECIFICATION SHEET

**Part No.:** QL-076DFST-ESD1

**Product Description:** 76 mm foam sharp tip, anti-static handle



### Features:

- Handle material: ESD PP, 2.5 mm dia., 66 mm length, Black color
- Head material: Open-cell PU foam, sharp-tip, 10 mm head length
- Total swab length: 76 mm
- Packaging: 100 pcs/inner bag, 5 inner bag/outer bag, 40 bags/carton, (20,000 pcs/carton)

### Applications/benefit:

- Good absorption with good capacity
- Reach to tiny grooves or corners
- Can be used with solvent such as alcohol, acetone and IPA
- Low fiber and particle generation
- Anti-static property
- ROHS, REACH compliant
- Cleanroom ISO class 5-8 compatible

### Performance Characteristics

Property	Typical Value	Test Method	Remarks
Electrical Resistance	10 <sup>9</sup> Ω	IEST-RP-CC004.3 (2004) 10	

### Contamination Characteristics

Property	Typical Value	Test Method	Remarks
LPC ≥ 0.5 μm	3,014 counts/tip	IEST-RP-CC004.3 (2004) 6.1.4 & 6.2	
NVR (DIW)	0.0411 mg/tip	IEST-RP-CC004.3 (2004) 7.1.2	
NVR (IPA)	0.0981 mg/tip	IEST-RP-CC004.3 (2004) 7.1.2	
SO <sub>4</sub> <sup>2-</sup>	0.103 μg/tip	IEST-RP-CC004.3 (2004) 7.2.2	
Cl <sup>-</sup>	0.056 μg/tip	IEST-RP-CC004.3 (2004) 7.2.2	
Silicone	ND	IEST-RP-CC004.3 (2004) 7.2.1	< MDL
Amine	ND	IEST-RP-CC004.3 (2004) 7.2.1	< MDL
DOP	ND	IEST-RP-CC004.3 (2004) 7.2.1	< MDL

Note: Data in the table represents typical analysis of the swab at time of publication.

Q-Leap lab meets ISO 17025 Standards for testing cleanroom materials.

Q-Leap production facility is ISO 9001:2008 and ISO 14001:2004 certified.