

Cleanmo[®] Swwip[®]

CLEANROOM SWABS

World Brand of Cleanroom Swabs for Industrial Use

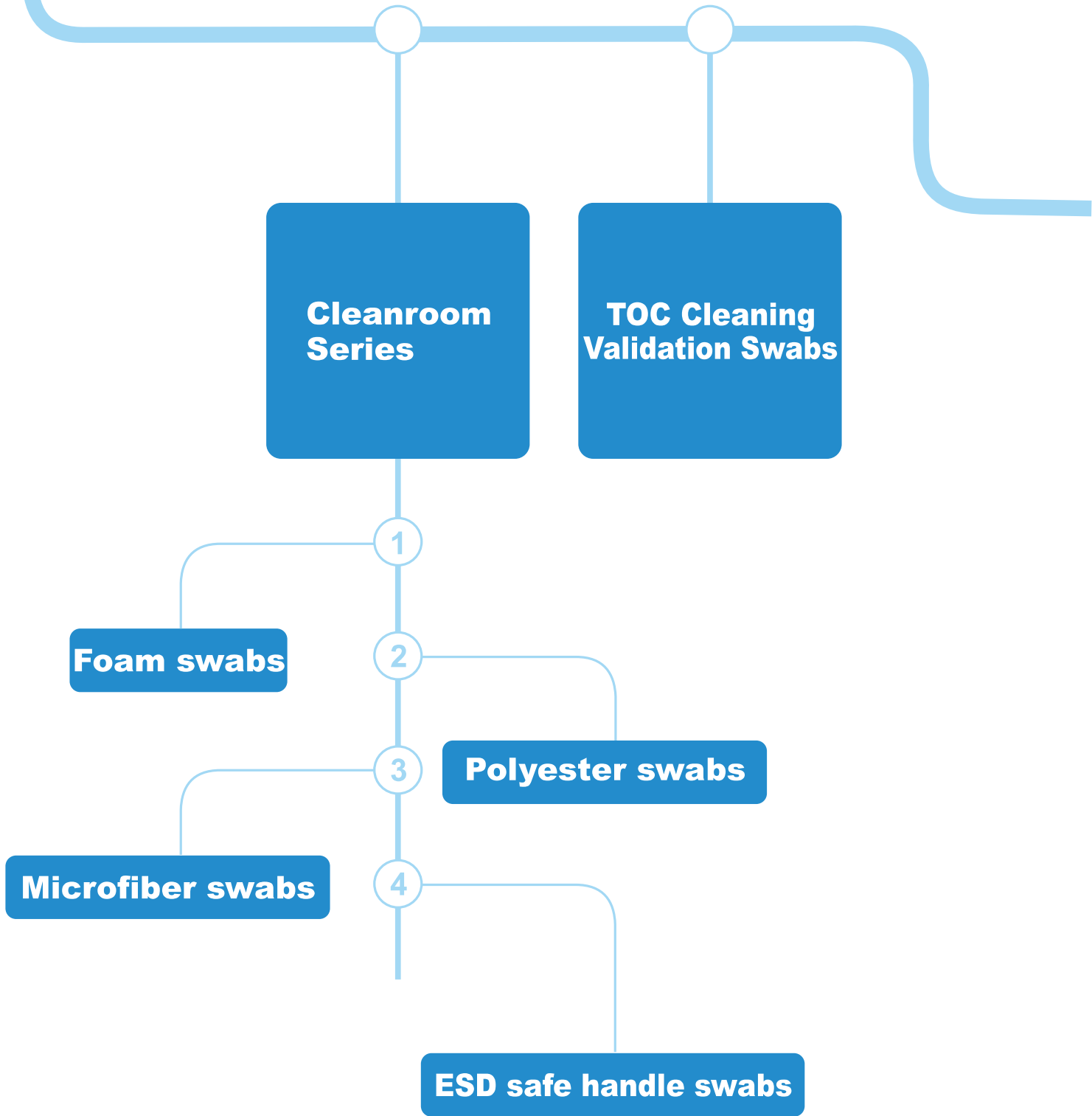
**Cleanmo ensures you,
get the best quality and service.**



Produced by

**Shenzhen Cleanmo Technology Co.,Ltd.
Cleanmo International (HK)Co.,Limited**





1

The foam swabs are constructed from compressed, 100 ppi (Z) open-cell or 100 ppi (Z) closed-cell polyurethane foam. It has excellent compatibility with most common solvents including acetone as well as excellent absorbency and solvent-holding capacity.

2

The polyester swabs are ideal for cleaning precision electronics and removing particulates and residues from hard-to-reach areas.

3

The microfiber swabs are highly resistant to normal cleaning solvents which makes them ideal for removing contaminants and excess materials. The non-abrasive soft tip will not scratch the surface of sensitive components such as lenses, optical devices.

4

Cleanmo also provide ESD safe handle for all swab types.

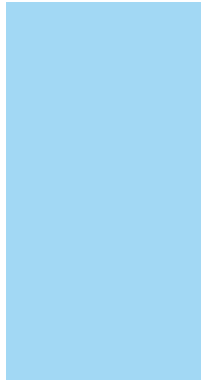
Thermally bonded head, polypropylene handle, laundered and packed under Class100 Cleanroom, laundered by EDI water system with 18 mega ohms volume.

Applications:

1. Electronics, semiconductors
2. Hard disk drives, Optics-electronics
3. TFT-LCD, IC
4. SMT and PCB
5. Pharmaceutical and Medical
6. Food processing and biotech industries
7. For general purpose cleaning

We can also customize all kinds of swabs for your particular unique applications, Such as color handle, OEM package and so on .

Samples are available for evaluation upon request



FOAM SWABS Open-Cell CleanFoam Series

FOAM SWABS

Part NO.	Head Material	Head Width	Head Thickness	Head Length	Handle Material	Handle Width	Handle Length	Total Length	Packing
CM-FS750 (TX750B)	Sponge	3.2mm 0.126"	3.2mm 0.126"	10mm 0.394"	Polypropylene	2.7mm 0.106"	66mm 2.598"	76mm 2.992"	500 swabs/bag 5 inner bags of 100 swabs 50bags/carton
CM-FS750D (TX750D)	Sponge	3.2mm 0.126"	3.2mm 0.126"	10mm 0.394"	Polypropylene	2.7mm 0.106"	66mm 2.598"	76mm 2.992"	500 swabs/bag 5 inner bags of 100 swabs 50bags/carton
CM-FS757 (TX757B)	Sponge	3.2mm 0.126"	3.0mm 0.118"	11.0mm 0.433"	Polypropylene	2.3mm 0.091"	59.1mm 2.327"	70.1mm 2.760"	500 swabs/bag 5 inner bags of 100 swabs 50bags/carton
CM-FS742 (TX742B)	Sponge	3.6mm 0.142"	3.5mm 0.138"	12.0mm 0.472"	Polypropylene	3.0mm 0.118"	56.0mm 2.205"	68.0mm 2.677"	500 swabs/bag 5 inner bags of 100 swabs 50bags/carton
CM-FS742G (TX742C)	Sponge	3.6mm 0.142"	3.5mm 0.138"	12.0mm 0.472"	Polypropylene	3.0mm 0.118"	56.0mm 2.205"	68.0mm 2.677"	500 swabs/bag 5 inner bags of 100 swabs 50bags/carton
CM-FS742L (TX742B)	Sponge	3.6mm 0.142"	3.5mm 0.138"	12.0mm 0.472"	Polypropylene	3.0mm 0.118"	56.0mm 2.205"	68.0mm 2.677"	500 swabs/bag 5 inner bags of 100 swabs 50bags/carton



FOAM SWABS

Part NO.	Head Material	Head Width	Head Thickness	Head Length	Handle Material	Handle Width	Handle Length	Total Length	Packing
CM-FS741 (TX741B)	Sponge	2.8mm 0.110"	3.0mm 0.118"	11.3mm 0.445"	Polypropylene	2.5mm 0.098"	56.5mm 2.224"	67.8mm 2.669"	500 swabs/bag 5 inner bags of 100 swabs 50bags/carton
CM-FS751 (TX751B)	Sponge	3.7mm 0.146"	3.7mm 0.146"	15.0mm 0.591"	Polypropylene	2.4mm 0.094"	51.8mm 2.039"	66.8mm 2.630"	500 swabs/bag 5 inner bags of 100 swabs 50bags/carton
CM-FS610	Sponge	5.0mm 0.197"	4.0mm 0.157"	11.0mm 0.433"	Polypropylene	4.5mm 0.177"	57.5mm 2.264"	68.5mm 2.697"	100 swabs/bag 100bags/carton
CM-FS920	Sponge	4.7mm 0.185"	4.8mm 0.189"	11.0mm 0.433"	Polypropylene	4.4mm 0.173"	57.0mm 2.244"	79.0mm 3.110"	100 swabs/bag 100bags/carton
CM-FS746 (TX746S)	Sponge	6.2mm 0.244"	5.1mm 0.201"	19.0mm 0.748"	Polypropylene	3.2mm 0.126"	73.0mm 2.874"	92.0mm 3.622"	500 swabs/bag 5 inner bags of 100 swabs 20bags/carton
CM-FS740 (TX740B)	Sponge	6.0mm 0.236"	5.0mm 0.197"	18.5mm 0.728"	Polypropylene	3.2mm 0.126"	144.5mm 5.689"	163.0mm 6.417"	500 swabs/bag 5 inner bags of 100 swabs 10bags/carton
CM-FS740L (TX740B)	Sponge	6.0mm 0.236"	5.0mm 0.197"	18.5mm 0.728"	Polypropylene	3.2mm 0.126"	144.5mm 5.689"	163.0mm 6.417"	500 swabs/bag 5 inner bags of 100 swabs 10bags/carton
CM-FS1702 (HT1702)	Sponge	3.0mm 0.118"	3.0mm 0.118"	10.3mm 0.406"	Polypropylene	2.5mm 0.098"	57.0mm 2.244"	67.3mm 2.650"	500 swabs/bag 5 inner bags of 100 swabs 50bags/carton
CM-FS718	Sponge	12.4mm 0.488"	5.7mm 0.224"	26.5mm 1.043"	Polypropylene	5.1mm 0.201"	76.0mm 2.992"	129.0mm 5.079"	50 swabs/bag 50bags/ctn
CM-FS712 (TX712A)	Sponge	10.5mm 0.413"	8.4mm 0.331"	25.0mm 0.984"	Polypropylene	5.1mm 0.201"	103.2mm 4.063"	128.2mm 5.047"	50swabs/bag 100bags/carton

CLOSED-CELL CLEANFOAM SERIES

Part NO.	Head Material	Head Width	Head Thickness	Head Length	Handle Material	Handle Width	Handle Length	Total Length	Packing
CM-FS706 (TX706A)	Sponge	10.9mm 0.429"	7.8mm 0.307"	28.3mm 1.114"	Polypropylene	6.6mm 0.260"	54.0mm 2.126"	82.3mm 3.240"	50 swabs/bag 100bags/carton



CM-FS707 (TX707A)	Sponge	16.0mm 0.630"	9.2mm 0.362"	25.5mm 1.004"	Polypropylene	6.7mm 0.264"	104.8mm 4.126"	130.3mm 5.123"	50 swabs/bag 50bags/carton
----------------------	--------	------------------	-----------------	------------------	---------------	-----------------	-------------------	-------------------	-------------------------------



CM-FS708 (TX708A)	Sponge	19.0mm 0.748"	9.0mm 0.354"	26.7mm 1.051"	Polypropylene	6.9mm 0.272"	105.0mm 4.133"	131.7mm 5.185"	50 swabs/bag 50bags/carton
----------------------	--------	------------------	-----------------	------------------	---------------	-----------------	-------------------	-------------------	-------------------------------



High Density CleanFoam Series

All foam swabs head could be high density head

Part NO.	Head Material	Head Width	Head Thickness	Head Length	Handle Material	Handle Width	Handle Length	Total Length	Packing
CM-FS707W-HD	Sponge	16.0mm 0.630"	9.2mm 0.362"	25.5mm 1.004"	Polypropylene	6.7mm 0.264"	104.8mm 4.126"	130.3mm 5.123"	50 swabs/bag 50bags/carton














POLYESTER SWABS

Part NO.	Head Material	Head Width	Head Thickness	Head Length	Handle Material	Handle Width	Handle Length	Total Length	Packing
CM-PS758B (TX758B)	Double Layer Polyester	4.0mm 0.157"	2.5mm 0.098"	11.0mm 0.433"	Polypropylene	2.3mm 0.091"	59.0mm 2.323"	70.0mm 2.756"	500 swabs/bag 5 inner bags of 100 swabs 50bags/carton
CM-PS758L (TX758L)	Single Layer Polyester	3.5mm 0.138"	1.8mm 0.071"	11.0mm 0.433"	Polypropylene	2.3mm 0.091"	59.0mm 2.323"	70.0mm 2.756"	500 swabs/bag 5 inner bags of 100 swabs 50bags/carton
CM-PS743 (TX743B)	Double Layer Polyester	3.5mm 0.138"	3.3mm 0.130"	12.7mm 0.500"	Polypropylene	2.9mm 0.114"	56.0mm 2.205"	68.7mm 2.705"	500 swabs/bag 5 inner bags of 100 swabs 50bags/carton
CM-PS766	Double Layer Polyester	5.8mm 0.228"	3.0mm 0.118"	17.0mm 0.669"	Polypropylene	3.2mm 0.126"	75.0mm 2.953"	92.0mm 3.622"	500 swabs/bag 5 inner bags of 100 swabs 20bags/carton
CM-PS761 (TX761)	Double Layer Polyester	6.0mm 0.236"	3.0mm 0.118"	17.0mm 0.669"	Polypropylene	3.2mm 0.126"	145.0mm 5.709"	162.0mm 6.378"	500 swabs/bag 5 inner bags of 100 swabs 10bags/carton
CM-PS714 (TX714A)	Double Layer Polyester	13.0mm 0.512"	4.0mm 0.157"	25.0mm 0.984"	Polypropylene	5.2mm 0.205"	103.0mm 4.055"	128.0mm 5.039"	100 swabs/bag 50bags/carton
CM-PS707	Double Layer Polyester	15.0mm 0.591"	4.0mm 0.157"	25.0mm 0.984"	Polypropylene	6.6mm 0.260"	105.0mm 4.134"	130.0mm 5.118"	100swabs/bag 50bags/carton
CM-PS713	Double Layer Polyester	12.3mm 0.484"	3.3mm 0.130"	23.0mm 0.906"	Polypropylene	5.8mm 0.228"	100.0mm 3.937"	123.0mm 4.843"	100swabs/bag 50bags/carton
CM-PS768S	Double Layer Polyester	3.5mm 0.138"	2.4mm 0.094"	11.0mm 0.433"	Polypropylene	3.0mm 0.118"	79.5mm 3.130"	89.5mm 3.524"	500 swabs/bag 5 inner bags of 100 swabs 20bags/carton

MICROFIBER SWABS

Part NO.	Head Material	Head Width	Head Thickness	Head Length	Handle Material	Handle Width	Handle Length	Total Length	Packing
CM-PS707M	Double Layer Microfiber	13.0mm 0.512"	4.0mm 0.157"	24.0mm 0.945"	Polypropylene	6.6mm 0.260"	105.0mm 4.134"	129.0mm 5.079"	100swabs/bag 50bags/carton
									
CM-PS714M (TX714MD)	Double Layer Microfiber	13.0mm 0.512"	3.6mm 0.142"	25.0mm 0.984"	Polypropylene	5.1mm 0.201"	103.0mm 4.055"	128.0mm 5.039"	100swabs/bag 50bags/carton
									
CM-PS713M	Double Layer Microfiber	12.3mm 0.484"	3.0mm 0.118"	23.0mm 0.906"	Polypropylene	5.8mm 0.228"	100.3mm 3.949"	123.3mm 4.854"	100swabs/bag 50bags/carton
									
CM-PS766M	Double Layer Microfiber	7.5mm 0.295"	3.0mm 0.118"	17.0mm 0.669"	Polypropylene	3.0mm 0.118"	75.0mm 2.953"	92.0mm 3.622"	500 swabs/bag 5 inner bags of 100 swabs 20bags/carton
									
CM-PS761M (TX761MD)	Double Layer Microfiber	5.8mm 0.228"	2.9mm 0.114"	17.0mm 0.669"	Polypropylene	3.2mm 0.126"	145.0mm 5.709"	162.0mm 6.378"	500 swabs/bag 5 inner bags of 100 swabs 10bags/carton
									
CM-PS758LM (TX758MD)	Single Layer Microfiber	3.4mm 0.134"	1.6mm 0.063"	11.0mm 0.433"	Polypropylene	2.3mm 0.091"	59.0mm 2.323"	70.0mm 2.756"	500 swabs/bag 5 inner bags of 100 swabs 50bags/carton
									
CM-PS758BM (TX758MD)	Double Layer Microfiber	3.8mm 0.150"	2.3mm 0.091"	11.0mm 0.433"	Polypropylene	2.3mm 0.091"	59.0mm 2.323"	70.0mm 2.756"	500 swabs/bag 5 inner bags of 100 swabs 50bags/carton
									
CM-PS759LM (TX759B)	Single Layer Microfiber	2.2mm 0.087"	1.3mm 0.051"	10.0mm 0.394"	Polypropylene	2.2mm 0.087"	61.0mm 2.402"	71.0mm 2.795"	500 swabs/bag 5 inner bags of 100 swabs 50bags/carton
									
CM-PS759M	Single Layer Microfiber	2.15mm 0.085"	1.3mm 0.051"	10.0mm 0.394"	Polypropylene	2.2mm 0.087"	61.0mm 2.402"	71.0mm 2.795"	500 swabs/bag 5 inner bags of 100 swabs 50bags/carton
									

2、 TOC Cleaning Validation Swabs

The TOC (Total Organic Carbon) Cleaning Validation swabs have been designed to simplify sampling for cleaning validation in the pharmaceutical industry. The swabs can also be used with Sievers, Tekmar Dohrman and Anatel A 2000 to measure TOC. The Swabs contains components for sampling 12 resp. 72 different areas in the production area.

Cleaning Validation Swabs

- **Material:** knitted polyester
- **Low particle generation**
- **Breakaway handle allows swabhead to be placed into vial with minimal handling and contamination**
- **Good absorbent capacity**
- **Very good chemical resistance**
- **Autoclavable to ensure sampling under sterile conditions**

Part NO.	Head Material	Head Width	Head Thickness	Head Length	Handle Material	Handle Width	Handle Length	Total Length	Packing
CM-PS713-TOC	Double Layer Polyester	12.3mm 0.484"	3.3mm 0.130"	23.0mm 0.906"	Polypropylene	5.8mm 0.228"	100.0mm 3.937"	123.0mm 4.843"	100swabs/bag 50bags/ctn



Cleanroom Swabs, ESD Swabs, Customized Swabs

100 ppi (Z) open-cell or closed-cell polyurethane Foam or Polyester or Microfiber head, polypropylene handle, thermally bonded technology, Class100 Cleanroom Laundered



About Cleanmo

Cleanmo is engaged in manufacturing cleanroom swabs about 15 years and constantly striving to create better, cleaner cleanroom products that will benefit our customers.

As a result of powerful R&D capability and healthy supply chain, we possess big advantage to offer the products and package at your request with competitive cost.

High quality products and services have brought us lots of customers establish with long-term business relationship worldwide

More detailed information about us, Please visit our website www.cleanmo.com.



Test Report

No. CANEC0901624701

Date: 16 Apr 2009

Page 1 of 3

SHENZHEN CLEANMO TECHNOLOGY CO., LTD.

ROOM 2A58, 2A67 2/F, BAOTONG BUILDING, BAOMING 1 ROAD, BAOMING DISTRICT, SHENZHEN CITY, CHINA

The following sample(s) was/were submitted and identified on behalf of the clients as :

Polyester swab

SGS Job No. : 10935466 - SZ
 SGS Internal Reference No. : 2.1
 Date of Sample Received : 11 Apr 2009
 Testing Period : 11 Apr 2009 - 16 Apr 2009
 Test Requested : Selected test(s) as requested by client.
 Test Method : Please refer to next page(s).
 Test Results : Please refer to next page(s).
 Conclusion : Based on the performed tests on submitted sample(s), the results **comply with the RoHS Directive 2002/95/EC and its subsequent amendments.**

Signed for and on behalf of
SGS-CSTC Ltd.

Huang Fang, Sunny
Sr. Engineer

This document is issued by the Company under its General Conditions of Service printed overleaf or available on request and accessible at http://www.sgs.com/terms_and_conditions.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction clauses defined therein. Any holder of this document is advised that information contained herein reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this responsibility shall not be transferred to a third party by a transaction from exercising all their rights and obligations under the transaction documents. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated, the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only. This document cannot be reproduced without the written approval of the Company.



SGS (China) Limited, Room 201, 2/F, 1000000, Guangzhou, China. Tel: +86 20 42155555, Fax: +86 20 62075125, www.sgs.com
 中国 - 广州 - 经济技术开发区科学城科珠路198号 邮编: 510663 Tel: +86 20 42155555, Fax: +86 20 62075125, e: sgs.china@sgs.com

Member of the SGS Group (SGS SA)



ANALABS TECHNOLOGIES (WUXI) CO.LTD.

No.789 Zhongnan Road, Block A, 5th Floor Yangming
Digital Electronic Park Wuxi, Jiangsu Province P.R.China, P.C.214024
(Tel):86 510-85430236 (Fax):86 510-85430235

REPORT

Company Name : ShenZhen Cleanmo Technology Co., Ltd

Sample Description : One (1) sample of Foam Swabs

The sample consisted of five packages of Foam Swabs and marked :
 Int compressed
 Foam Swab
 P/N: CM-FS750
 KleenTips Swab 750
 PKG: 100pcs/ Bag 500pcs/pack

On analysis in accordance with Seagate's Doc.No.35344-001 Rev.P Method, the following results were obtained:

Test	Result	Seagate Doc.No. 35348-001 Rev.C.Specification			
Chloride (Cl ⁻), ug/tip	0.15	≤0.90			
Sulphate (SO ₄ ²⁻), ug/tip	0.02	≤0.40			
Total Anions, ug/tip	0.17	≤1.3			
Non-Volatile Residue,NVR,mg/swab (20ml D.I.Water Extraction,at ambient temperature for 24 Hours)	< 0.01	≤0.15			
Non-Volatile Residue,NVR,mg/swab (20ml IPA, at ambient temperature for 24 Hours)	0.03	≤0.40			
FT-IR/ATR Analysis of the Non-Volatile Residue Extract, (Hexane)	Amide,DOP and Silicone Oil were not detected (Refer to Spectrum attached)	No detectable of Phthalates and Amides. (<1.3ng/tip of silicone oil)			
LPC Test (≥0.5um)					
Particle Counts/swab tip					
	Data #1	Data #2	Data #3	Average	
	3,911	4,789	3,112	3,937	<=25,000

Remarks: (1) "<" - Less than
(2) "≤" - Smaller than or equal to
(3) "≥" - Greater than or equal to

SIM KOK HAI
DIRECTOR
ANALABS TECHNOLOGIES (WUXI) CO.LTD.

Shenzhen Cleanmo Technology Co.,Ltd.

Add:Room 511 ,5/F,Huafeng XinAn Business Building,BaoAn 45 District,Shenzhen City,China

Tel:(+86)0755-29455975 Fax:(+86)0755-61605135

<http://www.cleanmo.com>

<http://www.cleanmo.cn>

E mail:sales@cleanmo.com