

Test Report No. : 721608085-2  
Report Date: 26 October 2012



China

Note: (1) General Terms & Conditions as mentioned overleaf  
(2) The results relate only to the items tested  
(3) The test report shall not be reproduced except in full without the written approval of the laboratory

Choose certainty.  
Add value.

**SUBJECT** Microbiological Analysis of Pocket water microfilter

**TEST LOCATION** TÜV SÜD China  
TÜV SÜD PSB Products Testing (Shanghai) Co., Ltd.  
B-3/4, No.1999 Du Hai Road, Minhang District  
Shanghai 201108, P.R. China

ORIGINAL

**CLIENT NAME** DongGuan Diercon Technology Co., Ltd.

**CLIENT ADDRESS** No.16 Zhenlong Road, Wusha District ,Changan town,Dongguan City,  
Guangdong Province,China

**TEST PERIOD** 09-Oct-2012~18-Oct-2012

**TEST REQUEST** Microbiological Analysis - with reference to FDA BAM Chapter 3

Prepared By

Authorized By

朱怡进

Senior project manager

Chemical/Microbiology Laboratory:  
TÜV SÜD PSB Products Testing (Shanghai) Co., Ltd.  
B-3/4, No.1999 Du Hai Road, Minhang District  
Shanghai  
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Co.,Ltd. Shanghai Branch.  
No.88 Heng Tong Road Shanghai  
200 070 P.R.China

TUV®

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China

RECEIPT DATE / TEST DATE

09-Oct-2012/12-Oct-2012


Choose certainty.  
Add value.

THE FOLLOWING SAMPLE(S) WAS/WERE SUBMITTED

BY/ ON BEHALF OF THE CLIENTS AS:

Sample Name: Pocket water microfilter  
Sample Specification: KP01  
Batch No./Date:  
Manufacturer: DongGuan Diercon Technology Co., Ltd.

ORIGINAL

SAMPLE-NO.	DESCRIPTION	PHOTOGRAPH
721608085-2	Water microfilter	

TEST METHOD(S)

Use sterilized by passing through 75% alcohol of the purifier.  
1 litre of sterile water was allowed to pass through the purifier.

10ml of test microorganism inoculum consisting of  $10^8$  cells was added into 1 litre sterile diluents (0.1% peptone) and pumped through the system for testing.

The bacterial counts before and after passing through the system were determined in accordance with: FDA Bacteriological Analytical Manual Online, January 2001 Chapter 3 "Aerobic Plate Count"

TEST ORGANISMS

*Escherichia coli* ATCC 8739

TESTING RESULT(S)

Test microorganism	Total Bacteria Count, CFU/ml (Before the system)	Total Bacteria Count, CFU/ml (After the system)	Reduction, %
<i>Escherichia coli</i> (ATCC 8739)	$5.6 \times 10^6$	22	99.9996

Note:  
CFU: Colony forming unit

-END OF THE TEST REPORT-





China

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Choose certainty.  
Add value.

**SUBJECT** Microbiological Analysis of Pocket water microfilter

**TEST LOCATION** TÜV SÜD China  
TÜV SÜD PSB Products Testing (Shanghai) Co., Ltd.  
B-3/4, No.1999 Du Hui Road, Minhang District  
Shanghai 201108, P.R. China

ORIGINAL

**CLIENT NAME** DongGuan Diercon Technology Co., Ltd.

**CLIENT ADDRESS** No.16 Zhenlong Road, Wusha District ,Changan town,Dongguan City,  
Guangdong Province,China

**TEST PERIOD** 25-Oct-2012~12-Nov-2012

**TEST REQUEST** Microbiological Analysis - with reference to FDA BAM Chapter 3

Prepared By

Authorized By

(Zhu Yichen)  
Customer Service



(Steven Zhang)  
Technical Manager





China

Choose certainty.  
Add value.

RECEIPT DATE / TEST DATE


25-Oct-2012/30-Oct-2012

THE FOLLOWING SAMPLE(S) WAS/WERE SUBMITTED

BY/ ON BEHALF OF THE CLIENTS AS:

Sample Name: Pocket water microfilter  
Sample Specification: KP01  
Batch No./Date:  
Manufacturer: Dong Guan Diercon Technology Co., Ltd.

ORIGINAL

SAMPLE NO.	DESCRIPTION	PHOTOGRAPH
721608085-2	Water microfilter	

TEST METHOD(S)

Use sterilized by passing through 75% alcohol of the purifier.  
1 litre of sterile water was allowed to pass through the purifier.

10ml of test microorganism innoculum consisting of  $10^8$  cells was added into 1 litre sterile diluents (0.1% peptone) and pumped through the system for testing.

The bacterial counts before and after passing through the system were determined in accordance with: FDA Bacteriological Analytical Manual Online, January 2001 Chapter 3 "Aerobic Plate Count"

TEST ORGANISMS

*Legionella pneumophila* SG1 ATCC 33152

TESTING RESULT(S)

Test microorganism	Total Bacteria Count, CFU/ml (Before the system)	Total Bacteria Count, CFU/ml (After the system)	Reduction, %
<i>Legionella pneumophila</i> (ATCC 33152)	$2.6 \times 10^6$	1	>99.9999

Note:  
CFU: Colony forming unit

-END OF THE TEST REPORT-

