



Test Report No. : 721617453-1
Report Date: 19 November 2014

ORIGINAL

SUBJECT Microbiological Analysis of Mini Water Purifier Straw

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

CLIENT NAME DongGuan Diercon Technology Co., Ltd.

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

TEST PERIOD 11-Nov-2014~19-Nov-2014

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

Prepared By

Authorized By

(Zhu Yichen)
Customer Service



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.(4) Without the agreement of the laboratory , the client is not authorized to use the test results for unapproved propaganda.

Chemical/Microbiology Laboratory:
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RECEIPT DATE / TEST DATE


11-Nov-2014/11-Nov-2014

ORIGINAL

THE FOLLOWING SAMPLE(S) WAS/WERE SUBMITTED

BY/ ON BEHALF OF THE CLIENTS AS:

Sample Name: Mini Water Purifier Straw
Sample Specification: PS01
Batch No./Date: /
No. of Sample/ Sample Dimension: 8/Φ31*160mm
Manufacturer: DongGuan Diercon Technology Co., Ltd.

SAMPLE NO.	DESCRIPTION	PHOTOGRAPH
721617453	Water purifier straw	

TEST METHOD(S)

Disinfect the purifier by passing through 75% alcohol before using it.
500ml of sterile water was allowed to pass through the purifier.

Inoculate 10ml test microorganism consisting of 10^6 cells into 1 litre sterile diluents (0.1% peptone) and filter 500ml 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 11229

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> ① (ATCC 11229)	7.8×10^6	<1	>99.9999
<i>Escherichia coli</i> ② (ATCC 11229)	6.8×10^6	<1	>99.9999
<i>Escherichia coli</i> ③ (ATCC 11229)	7.5×10^6	<1	>99.9999

CFU: Colony forming unit

-END OF THE TEST REPORT-

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