Testresultaten Water-to-Go filter

De Water-to-Go waterfilters zijn grondig getest door onafhankelijke, internationaal erkende instituten in verschillende delen van de wereld:

- The London School of Hygiene & Tropical Medicine (Verenigd Koninkrijk)
- BCS Laboratories (Verenigde Staten)
- Bangalore Test House (India)
- IMI (China)

Deze instituten hebben de Water-to-Go filters beoordeeld op basis van de strengste internationale testprotocollen voor microbiologische waterzuivering.

Een belangrijk referentiepunt in deze tests is de standaard van de Environmental Protection Agency (EPA) in de Verenigde Staten. De EPA-richtlijnen gelden wereldwijd als dé norm voor het testen van microbiologische waterfilters, en worden ook gehanteerd in landen waar geen eigen regelgeving bestaat. De EPA stelt de volgende minimale reductiewaarden vast voor waterfilters die worden geclassificeerd als microbiologische zuiveraars:

- 99,9999% (6 log10) verwijdering van bacteriën
- 99,99% (4 log10) verwijdering van virussen
- 99,9% (3 log10) verwijdering van protozoa en andere micro-organismen

De Water-to-Go filters zijn met succes getest volgens deze richtlijnen. In dit document vind je een overzicht van de officiële testresultaten. Zo kun jij met vertrouwen kiezen voor Water-to-Go.

LONDON SCHOOL OF HYGIENE & TROPICAL MEDICINE
(University of London)
Department of Infectious and Tropical Diseases
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Peter Donachie BSc
Principal Scientific Officer (Medical Microbiology)
Faculty of Infectious and Tropical Diseases

8 May 2013

REPORT ON MICROBIOLOGICAL TESTS CARRIED OUT ON THE BEHALF OF WATER-TO-GO LTD. ON TW0 WATER FILTERATION BOTTLES BY THE LONDON SCHOOL OF HYGIENE AND TROPICAL MEDICINE.

Test Items
The bottles manufactured by Water-to-go Ltd.
The bottles were delivered to the laboratory new and unusedBefore testing each bottle was examined for mechanical defect or leaks and was primed using deionised water according to the manufacturer's instructions.

Test organisms
Poliovirus type 1 (Sabin vaccine strain) at a concentration of 24.50×106 PFU (plaque forming units) per millilitre.
Escherichia coli ATCC 22952 at a concentration of 26.00×106 CFU (colony forming units) per millilitre.
Fluorescent beads. The size of the beads was chosen to mimic Cryptosporidium oocysts at a concentration of 10.85 ×103 beads per millilitre.

Test Water
Autoclaved Distilled Water.

Test procedure

1. Bottles were primed according to user instructions and then washed several times with deionised water before challenge.

2. 100ml of poliovirus suspension was added to 1500ml of challenge water and mixed thoroughly. The seeded test water was sucked through the bottle and collected in sterile containers for assay. For the bacteriological challenge 50ml of an overnight culture of Escherichia coli suspension was added to 1000ml of challenge water.

3. Prior to filtration, a sample of the seeded test water was taken and the number of virus particles and bacteria determined in parallel with the filtered samples.

Microbiological assay

1. For virus assay, 9ml volumes of water (filtered and unfiltered) were added to 1ml of ×10 cell culture medium and diluted 10-fold steps in single strength medium. Four replicates of each dilution were added to VERO cell monolayers and a plaque assay performed and incubated for 2 days before examination for plaque formation. The amount of virus in the filtered sample when compared to the unfiltered sample was measured and the log reduction calculated.

2. For bacteria, 1ml samples were assayed for Escherichia coli by spread plate and Miles & Misra techniques. The tests were performed in triplicate.

3. For fluorescent beads the water was filtered through filter paper membranes known to have pores smaller than the beads and the membrane viewed under an ultra violet microscope.

4. For the reduction of chlorine, 10ml water samples were treated with N,N,-diethyl-p-phenylenediamine which reacts which free chlorine and produces a red complex and the intensity of the colour was measured by eye compared to known standards using a Lovibond comparator.

5. Suitable controls, positive and negative were included in all assays.

Test results

Table 1- Summary of Assay results of all samples

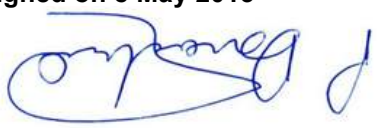
bottle	Test organism	Inflowing (log10)	outflowing (log10)	% reduction (log10 reduction)
1	Poliovirus	2.48×105 PFU/ml (5.39)	156.8 PFU/ml (2.20)	99.982% (3.73)
2			45.60 PFU/ml (1.66)	99.937% (3.20)
1	***Escherichia coli***	2.60×107 CFU/ml (7.41)	2.10×102 CFU/ml (2.32)	99.9992% (5.09)
2			4.25×103 CFU/ml (3.63)	99.9837% (3.79)
1	Beads	1.09×104/ml (4.04)	≤168/ml (≤2.27)	≥99.982906% (≥3.77)
2			≤168/ml (≤2.27)	≥99.982906% (≥3.77)
1	Free Chlorine	60ppm	<0.4ppm	
2			<0.4ppm	

The reduced Chlorine reading was between 0 and 0.4ppm as 0.4ppm represented the lowest comparator disc.

Summary

Under the conditions of testing in the laboratory of the London School of Hygiene and Tropical Medicine as shown in this report, these results show that the Water-to-go Ltd bottle removed more than 99.9% of bacteria, viruses and ***Cryptosporidium oocyst*** from contaminated water.
There was also a significant or total reduction in free chlorine by the filter.

Signed on 8th May 2013



Peter Donachie BSc (Hons.)
Principal Scientific Officer (Medical Microbiology)
London School of Hygiene & Tropical Medicine

inc.
Biological Consulting Services
of North Florida, Inc.

May 23, 2013

Thomas Robbins

Re: Bacterial, viral, and protozoan parasite filtration efficacy testing of the provided water bottle filters: BCS ID 1305210, 1305212, 1305215, and 1305220. "Water-To-Go" filters.

Dear Mr. Robbins;

We have conducted the requested filtration efficacy study on the provided water bottle filters received on May 14, 2013. The experimental set up and challenge of the water filter was designed to evaluate the filter's initial microbiological contaminant removal efficacy. It is intended to demonstrate its efficacy following light use on the removal of bacterial, viral, and parasitic waterborne contaminants. The contaminant species and water condition parameters selected were based on NSF water purifier testing protocols.

Following, you will find our report on the results of the challenge study. Should you have any questions, please do not hesitate to contact me.

Sincerely,

George Lukasik, Ph.D.
Laboratory Director

BCS LABORATORIES INC.-GAINESVILLE
4609 NW 6TH STREET, STE. A, GAINESVILLE, FLORIDA 32609
TEL. (352) 377-9272, FAX. (352) 377-5630
WWW.MICROBIOSERVICES.COM
FL DOH LABORATORY #E82924, EPA# FL01147

ACCREDITED IN ACCORDANCE WITH nelac

Samples: Provided Pleated "Water-To-Go" Filters
Test: Filtration Efficacy / Vacuum*
Test Parameter: *Raoultella terrigena*, MS-2 Bacteriophage (virus), and 3.0 µM Fluorescent Microspheres as *Cryptosporidium parvum* Oocyst Surrogate
Performed and Analyzed by: George Lukasik, Ph.D. & Alison Stargel, MPH; May 15, 2013

Water Sample	Percent Removal of Challenge Species*		
	Three Micron Fluorescent microspheres[1] (Parasitic Contaminants Surrogate Percent Removal)	*Raoultella terrigena*[2] (Bacterial Contaminants Percent Removal)	MS-2 Bacteriophage[3] (Viral Contaminants Percent Removal)
Filter Influent Water**	1.4×10^4 beads/ 0.1 ml	4.6×10^5 cfu/ml	4.4×10^5 pfu/ml
12 Pleat Filter #1 Effluent Water** BCS 1205212	>99.99%***	>99.9999%***	99.9998%
12 Pleat Filter #2 Effluent Water** BCS 1205220	>99.99%***	>99.9999%***	>99.9999%***
24 Pleat Filter #1 Effluent Water** BCS 1205210	>99.99%***	>99.9999%***	>99.9999%***
24 Pleat Filter #2 Effluent Water** BCS 1205215	>99.99%***	>99.9999%***	>99.9999%***

[1] Three micron green fluorescent latex microspheres (Fluoresbrite® YG Microspheres 3.00µm, PolySciences Inc. PA, USA) were used as surrogates for *Cryptosporidium* oocysts. It is used to determine filter's parasitic removal efficacy. The microspheres were enumerated by fixing onto SingleSpot Slides (IDEXX, USA) and viewing by UV fluorescence microscopy.
[2] *Raoultella terrigena* (ATCC 33257) was obtained from ATCC and propagated on Tryptic Soy Agar (TSA, Becton Dickinson, USA). It is used as a bacterial model to evaluate filters for bacterial removal efficacy. The bacteria were enumerated as colony forming units (cfu) following incubation at 36.5°C for 24 hours.
[3]Bacteriophage MS-2 (ATCC 15597-B1) was used as a model for human viruses. It is of similar shape and size to human enteroviruses and thus is used to determine filter's viral capture efficacy. It was enumerated using *E. coli* C3000 (ATCC 15597) as a host using the single layer plaque assay agar procedure as per EPA 1601.
** Filter effluent samples were analyzed in duplicates following collection.
*** No species were detected in the filter effluent for the duplicate samples analyzed.

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Samples:	**Provided Pleated "Water-To-Go" Filters**
Test:	**Filtration Efficacy / vacuum**
Test Parameter:	***Raoultella terrigena*, MS-2 Bacteriophage (virus), and 3.0 µM Fluorescent Microspheres as *Cryptosporidium parvum* Oocyst Surrogate**
Performed and Analyzed by:	**George Lukasik, Ph.D. & Alison Stargel, MPH; May 15, 2013**

*Challenge Study Description: 1 liter of laboratory grade reagent water was passed through each filter using 3.6 inHg vacuum provided by a diaphragm pressure/vacuum pump (Schuco-Vac Pump). Reagent water was then seeded with *Raoultella terrigena*, bacteriophage MS-2, and latex microspheres. This solution was stirred till homogenous and 500 ml was aspirated through each filter using vacuum. The filter effluent was collected in a trap bottle. The flow rate was measured at 10ml/sec. The effluent was assayed for the respective species. A sample of the influent was removed prior to the beginning of the challenge study and at the end. The number of microorganisms and microspheres was determined and is reported as the "Filter Influent Water" and "Filter Effluent Water". The flow rate was calculated using a NIST traceable timer.

Study data are summarized in the provided table(s). The results presented pertain only to the study conducted on the test articles/samples provided by the client (or client representative). The study was authorized and commissioned by the client. The results presented pertain only to the samples analyzed and identifier number(s) indicated. The data provided is strictly representative of the study conducted using the material/samples/articles provided by the client (or client's representative) and its (their) condition at the time of test. The study and data are obtained under laboratory conditions and may not be representative or indicative of a real-life process and/or application. Positive, negative, and neutralization controls were performed as outlined in the method and as per Good Laboratory Practices. All analyses were performed in accordance to laboratory practices and procedures set-forth by our NELAP/TNI accreditation standards (ISO 17025) unless otherwise noted. BCS makes no claims with regards to the express or implied warranty regarding the ownership, merchantability, safety or fitness for a particular purpose of any such property or product.

George Lukasik

May 23, 2013

Signature of Laboratory Director/Authorized Rep. _____ Date: _____

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ACCREDITED IN ACCORDANCE WITH nelac

BANGALORE TEST HOUSE

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Ph: 23356415, 23151665, Fax: 080-23385979
e-mail: testhouse@satyam.net.in website: www.bthindia.com

TEST CERTIFICATE

Mr. Jitendra Pratap Singh
Old Airport Road,
BANGALORE – 560 008

Report No : ED/2012/11/0466
Date of report : 22.11.2012
Reference No : RFA
Date : 13.11.2012
Date of receipt : 15.11.2012
Job Order No : ED/2012/11/0466

Sample Particulars: One sample of Treated Water was received.

TESTS	RESULTS	MAXIMUM ACCEPTABLE LIMITS AS PER IS: 10500 –1991 (Amd.3)	MAXIMUM PERMISSIBLE LIMITS IN THE ABSENCE OF ALTERNATE SOURCE AS PER IS: 10500–1991 (Amd.3)	PROTOCOL
1. Colour, True colour units	< 2	5	25	IS: 3025 (P 4)
2. Odour	Unobjectionable	Unobjectionable	-	IS: 3025 (P 5)
3. Turbidity, NTU	1.8	5	10	IS: 3025 (P 10)
4. pH	7.62	6.50 to 8.50	No relaxation	IS: 3025 (P 11)
5. Chlorides, as Cl, mg/L	65.9	250	1000	IS: 3025 (P 32)
6. Total Hardness as $CaCO_3$,mg/L	279.4	300	600	IS: 3025 (P 21)
7. Calcium, as Ca, mg/L	68.4	75	200	IS: 3025 (P 40)
8. Magnesium, as Mg, mg/L	26.4	30	100	IS: 3025 (P 46)
9. Total Dissolved solids, mg/L	546.0	500	2000	IS: 3025 (P 16)
10. Sulphates, as SO_4, mg/L	43.4	200	400	IS: 3025 (P 24)
11. Copper, as Cu, mg/L	< 0.05	0.05	1.5	IS: 3025 (P 42)
12. Iron, as Fe, mg/L	0.08	0.30	1.0	IS: 3025 (P 53)
13. Manganese, as Mn, mg/L	< 0.1	0.1	0.3	IS: 3025 (P 59)
14. Nitrates, as NO_3, mg/L	14.9	45	No relaxation	IS: 3025 (P 34)
15. Fluorides, as F, mg/L	0.30	1.0	1.5	IS: 3025 (P 60)
16. Phenolic Compounds, as C_6H_5OH, mg/L	Absent	0.001	0.002	IS: 3025 (P 43)
17. Mercury, as Hg, mg/L	< 0.001	0.001	No relaxation	IS: 3025 (P 48)
18. Cadmium, as Cd, mg/L	< 0.01	0.01	No relaxation	IS: 3025 (P 41)
19. Selenium, as Se, mg/L	< 0.01	0.01	No relaxation	IS: 3025 (P 56)
20. Arsenic, as As, mg/L	0.065	0.01	No relaxation	IS: 3025 (P 37)
21. Cyanide, as CN, mg/L	Absent	0.05	No relaxation	APHA
22. Lead, as Pb, mg/L	< 0.01	0.05	No relaxation	IS: 3025 (P 47)
23. Zinc, as Zn, mg/L	0.01	5	15	IS: 3025 (P 49)
24. Anionic Detergents as MBAS, mg/L	< 0.2	0.20	1.0	Annex K of IS:13428
25. Chromium, as Cr^{6+}, mg/L	< 0.01	0.05	No relaxation	IS: 3025 (P 52)
26. Residual Free Chlorine, mg/L	< 0.05	Min 0.20	-	IS: 3025 (P 26)
27. Alkalinity, as $CaCO_3$, mg/L	295.4	200	600	IS: 3025 (P 23)
28. Aluminium, as Al, mg/L	< 0.01	0.03	0.2	IS: 3025 (P 55)
29. Boron, as B, mg/L	< 0.1	1.00	5.0	APHA

ANALYST

AUTHORISED SIGNATORY

BANGALORE TEST HOUSE

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Reference No	: **RFA**
Date	: **13.11.2012**
Date of receipt	: **15.11.2012**
Job Order No	: **ED/2012/11/0466**

Sample Particulars: One sample of Treated Water was received.

TESTS	RESULTS	ACCEPTABLE LIMITS AS PER IS: 10500 - 1991	ROTOCOL
Description	: Colourless and clear transparent liquid filled in a PET bottle.		
MICROBIOLOGICAL TESTS :			
30. Coliform Organisms /100 ml	: Less than 1	: Less than 1	: IS:1622-1981
31. E. coli Bacteria/100ml	: Absent	: Absent	: IS:1622-1981

Remarks : The sample conforms to IS:10500-1991 for drinking water with respect to Chemical & Microbiological Requirements.

ANALYST

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Sample Particulars: One sample of Treated Water was received.

PESTICIDE RESIDUES :

Tests	Results mg/L	Test Method	Method Detection mg/L
32. o,p- DDT	BDL	USEPA 508	0.000025
33. Alpha HCH	0.1 µg/L	USEPA 508	0.000025
34. Endosulfan sulphate	BDL	USEPA 508	0.000025
35. Chlorpyrifos	BDL	USEPA 525.2	0.000025

BDL : Below Detection Level

ANALYST

AUTHORISED SIGNATORY

上海出入境检验检疫局
工业品与原材料检测技术中心

正本
ORIGINAL

TECHNICAL CENTER FOR INDUSTRIAL PRODUCT AND RAW MATERIAL INSPECTION AND TESTING OF
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检测/鉴定报告
Test Report

报验号： 91660242
Application No.:91660242
日 期：2016年11月1日
Date: Nov. 1st, 2016

申 请 人： 上海朗运供应链管理有限公司
Applicant: SHANGHAI LONGWIN SUPPLY CHAIN MANAGEMENT CO., LTD

申报品名： 滤水杯 75CL (滤芯)
Sample Name: 75CL BOTTLE (Filter Cartridge)

申请人送样数量：3 个
Sample Amount Sent by Applicant: 3 units
检验依据:
Test Standards:

测定项目 Test Items	检验依据 Test Standards
色 Chrominance 浑浊度 Opacity 臭和味 Odor and Smell 肉眼可见物 Visible Residue	GB/T 5750.4-2006 生活饮用水标准检验方法-感官性状和物理指标 Standard examination methods for drinking water-Organoleptic and physician parameters
耗氧量 Oxygen Consumption 挥发性酚 Volatile Phenol	GB/T 5750.7-2006 生活饮用水标准检验方法-有机物综合指标 Standard examination methods for drinking water-Aggregate organic parameters
铅 Lead 镉 Cadmium 汞 Mercury 铬（六价） Hexavalent Chromium 砷 Arsenic	GB/T 5750.6-2006 生活饮用水标准检验方法-金属指标 Standard examination methods for drinking water-Metal parameters
细菌总数 Total Number of Colony 总大肠菌群 Total Coliform	GB/T 5750.12-2006 生活饮用水标准检验方法-微生物指标 Standard examination methods for drinking water-Microbiological parameters

接下页
To be continued

上海出入境检验检疫局 工业品与原材料检测技术中心 IMI 签证章

1，本检测/鉴定如系委托人自送样品的，检验机构仅对样品负责，不承担其它连带责任。
2，我们已尽力所知和最大能力实施上述检验，不能因我们签发本报告而免除卖方或其他方面根据合同和法律所承担的产品质量责任和其他责任。

GA0289464

正本
ORIGINAL

检验结果：
Test Results:

测定项目 Test Items	单位 Unit	对照水 Control Water	浸泡水 Soaked Water 样品 1 Sample 1	浸泡水 Soaked Water 样品 2 Sample 2	卫生规范要求 Hygienic Requirements	判定 Conclusion
色 Chrominance	度 Degree	<5	<5	<5	增加量/Increase≤5	合格/Pass
浑浊度 Opacity	度 NTU	<0.5	<0.5	<0.5	增加量/Increase≤0.5	合格/Pass
臭和味 Odor and Smell	-	无臭味、无异味 No odor and smell	无臭味、无异味 No odor and smell	无臭味、无异味 No odor and smell	无异臭、异味 No Odor and Smell	合格/Pass
肉眼可见物 Visible Residue	-	无/None	无/None	无/None	无/None	合格/Pass
耗氧量 Oxygen Consumption	mg/L	0.30	0.03	0.03	增加量/Increase≤2	合格/Pass
挥发性酚 Volatile Phenol	mg/L	<0.002	<0.002	<0.002	增加量 Increase≤0.001	合格/Pass
铅 Lead	mg/L	未检出/Not Detected (检出限/DL：0.00007)	未检出/Not Detected (检出限/DL：0.00007)	未检出/Not Detected (检出限/DL：0.00007)	增加量 /Increase≤0.0005	合格/Pass
镉 Cadmium	mg/L	未检出/Not Detected (检出限/DL：0.00006)	未检出/Not Detected (检出限/DL：0.00006)	未检出/Not Detected (检出限/DL：0.00006)	增加量/ Increase≤0.0002	合格/Pass
汞 Mercury	mg/L	0.0002	0.0001	0.0001	增加量/ Increase≤0.005	合格/Pass
铬（六价） Hexavalent Chromium	mg/L	未检出/Not Detected (检出限/DL：0.00009)	未检出/Not Detected (检出限/DL：0.00009)	未检出/Not Detected (检出限/DL：0.00009)	增加量/ Increase≤0.005	合格/Pass
砷 Arsenic	mg/L	未检出/Not Detected (检出限/DL：0.00009)	未检出/Not Detected (检出限/DL：0.00009)	未检出/Not Detected (检出限/DL：0.00009)	增加量/ Increase≤0.002	合格/Pass
细菌总数 Total Number of Colony	CFU/mL	<1	<1	<1	≤100	合格/Pass
总大肠菌群 Total Coliform	MPN/100mL	未检出 Not Detected	未检出 Not Detected	未检出 Not Detected	不得检出 Not detected	合格/Pass

评定：送检样品符合《生活饮用水水质处理器卫生安全与功能评价规范——一般水质处理器》（2001）的卫生安全试验要求。

Conclusion：The quality of samples complies with the hygienic safety requirements of "Sanitary Standard for Hygienic Safety and Function Evaluation on Treatment Devices of Drinking Water —— General Devices"(2001)

Remarks:

1.报告附样品照片

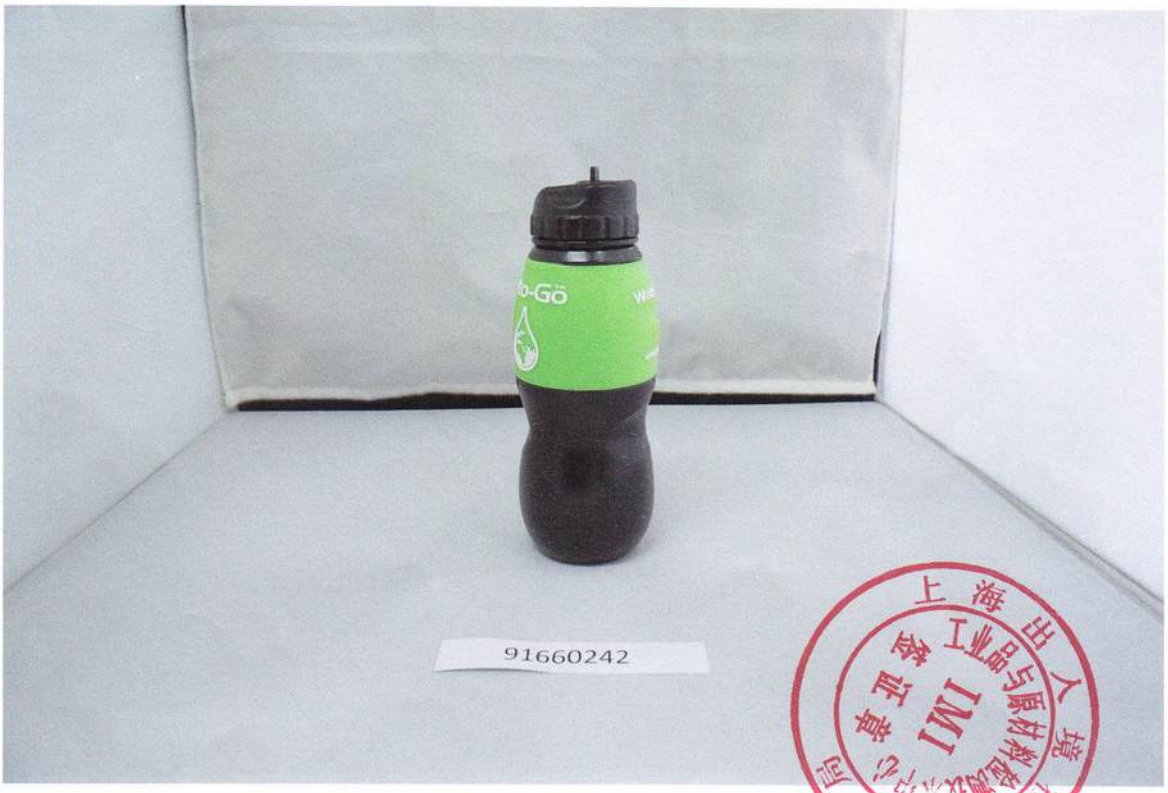
1.A picture of sample is attached to this report.

2.检验结果仅对来样负责。未经检验机构同意，委托人不得擅自使用检验结果进行不当宣传。

2.The results above refer only to the sample(s) received. This report should not be used for publicity, except in full, without prior written permission of the inspection body.

* * * * * * * *

主任检验员：
Chief Inspector:


91660242

上海出入境检验检疫局
工业品与原材料检测技术中心

副本
COPY

TECHNICAL CENTER FOR INDUSTRIAL PRODUCT AND RAW MATERIAL INSPECTION AND TESTING OF SHANGHAI ENTRY-EXIT INSPECTION AND QUARANTINE BUREAU

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检测/鉴定报告
Test Report

报验号： 91660242
Application No.:91660242
日 期：2016 年 11 月 1 日
Date: Nov. 1st, 2016

申 请 人： 上海朗运供应链管理有限公司
Applicant: SHANGHAI LONGWIN SUPPLY CHAIN MANAGEMENT CO., LTD

申报品名： 滤水杯 75CL (滤芯)
Sample Name: 75CL BOTTLE (Filter Cartridge)

申请人送样数量：3 个
Sample Amount Sent by Applicant: 3 units
检验依据:
Test Standards:

测定项目 Test Items	检验依据 Test Standards
色 Chrominance 浑浊度 Opacity 臭和味 Odor and Smell 肉眼可见物 Visible Residue	GB/T 5750.4-2006 生活饮用水标准检验方法-感官性状和物理指标 Standard examination methods for drinking water-Organoleptic and physician parameters
耗氧量 Oxygen Consumption 挥发性酚 Volatile Phenol	GB/T 5750.7-2006 生活饮用水标准检验方法-有机物综合指标 Standard examination methods for drinking water-Aggregate organic parameters
铅 Lead 镉 Cadmium 汞 Mercury 铬（六价） Hexavalent Chromium 砷 Arsenic	GB/T 5750.6-2006 生活饮用水标准检验方法-金属指标 Standard examination methods for drinking water-Metal parameters
细菌总数 Total Number of Colony 总大肠菌群 Total Coliform	GB/T 5750.12-2006 生活饮用水标准检验方法-微生物指标 Standard examination methods for drinking water-Microbiological parameters

接下页
To be continued

上海出入境检验检疫局 工业品与原材料检测技术中心 IMI 签证章

1，本检测/鉴定如系委托人自送样品的，检验机构仅对样品负责，不承担其它连带责任。
2，我们已尽力所知和最大能力实施上述检验，不能因我们签发本报告而免除卖方或其他方面根据合同和法律所承担的产品质量责任和其他责任。

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报验号： 91660242
Application No.:91660242
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检验结果:
Test Results:

测定项目 Test Items	单位 Unit	对照水 Control Water	浸泡水 Soaked Water 样品 1 Sample 1	浸泡水 Soaked Water 样品 2 Sample 2	卫生规范要求 Hygienic Requirements	判定 Conclusion
色 Chrominance	度 Degree	<5	<5	<5	增加量/Increase≤5	合格/Pass
浑浊度 Opacity	度 NTU	<0.5	<0.5	<0.5	增加量/Increase≤0.5	合格/Pass
臭和味 Odor and Smell	-	无臭味、无异味 No odor and smell	无臭味、无异味 No odor and smell	无臭味、无异味 No odor and smell	无异臭、异味 No Odor and Smell	合格/Pass
肉眼可见物 Visible Residue	-	无/None	无/None	无/None	无/None	合格/Pass
耗氧量 Oxygen Consumption	mg/L	0.30	0.03	0.03	增加量/Increase≤2	合格/Pass
挥发性酚 Volatile Phenol	mg/L	<0.002	<0.002	<0.002	增加量 Increase≤0.001	合格/Pass
铅 Lead	mg/L	未检出/Not Detected (检出限/DL：0.00007)	未检出/Not Detected (检出限/DL：0.00007)	未检出/Not Detected (检出限/DL：0.00007)	增加量 /Increase≤0.0005	合格/Pass
镉 Cadmium	mg/L	未检出/Not Detected (检出限/DL：0.00006)	未检出/Not Detected (检出限/DL：0.00006)	未检出/Not Detected (检出限/DL：0.00006)	增加量/ Increase≤0.0002	合格/Pass
汞 Mercury	mg/L	0.0002	0.0001	0.0001	增加量/ Increase≤0.005	合格/Pass
铬（六价） Hexavalent Chromium	mg/L	未检出/Not Detected (检出限/DL：0.00009)	未检出/Not Detected (检出限/DL：0.00009)	未检出/Not Detected (检出限/DL：0.00009)	增加量/ Increase≤0.005	合格/Pass
砷 Arsenic	mg/L	未检出/Not Detected (检出限/DL：0.00009)	未检出/Not Detected (检出限/DL：0.00009)	未检出/Not Detected (检出限/DL：0.00009)	增加量/ Increase≤0.002	合格/Pass
细菌总数 Total Number of Colony	CFU/mL	<1	<1	<1	≤100	合格/Pass
总大肠菌群 Total Coliform	MPN/100mL	未检出 Not Detected	未检出 Not Detected	未检出 Not Detected	不得检出 Not detected	合格/Pass

评定：送检样品符合《生活饮用水水质处理器卫生安全与功能评价规范——一般水质处理器》（2001）的卫生安全试验要求。
Conclusion: The quality of samples complies with the hygienic safety requirements of "Sanitary Standard for Hygienic Safety and Function Evaluation on Treatment Devices of Drinking Water —— General Devices"(2001)

Remarks:
1.报告附样品照片
1.A picture of sample is attached to this report.
2.检验结果仅对来样负责。未经检验机构同意，委托人不得擅自使用检验结果进行不当宣传。
2.The results above refer only to the sample(s) received. This report should not be used for publicity, except in full, without prior written permission of the inspection body.

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主任检验员：
Chief Inspector: