



181012050155

Test Report

Sample Registration No.

20200843

Sample Name

Hytecon HYPRO Water Purifier

Applicant

ANDI (Beijing) Climate Technologies Co., Ltd.

Jiangsu Health Detection Technology Co., Ltd.

Aug.6 2020





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Jiangsu Health Detection Technology Co., Ltd.

Test Report

Sample Registration No.	20200843	Page 1 of 2	
Sample Name	Hytecon HYPRO Water Purifier	Received Date	2020/7/27
Applicant	ANDI (Beijing) Climate Technologies Co., Ltd.	Production Date	2020/2/25
Manufacturer	HYTECON Entwicklung und Produktion GmbH	Sample Qty	HYPRO, 2 pcs
Sample Description	Complete machine		

Conclusion:

According to "Guideline for Evaluation of Hygienic Safety and performance on Drinking Water Treatment Devices-General Purpose Water Treatment Device" (2001), inpour pure water in device, duration 24±1h, temperature at 25±5°C.

Testing method employed "Standard Test Method for Drinking Water Quality" (GB/T 5750-2006).

Result: color, turbidity, odor and taste, visible, Oxygen Demand ((O₂), As, Hg, Cr (6), volatile phenol (Phenol), Pb, Cd, Bacteria total count, coliform count and thermotolerant coliform count are complying to "Guideline for Evaluation of Hygienic Safety on Drinking Water conveyance equipment and protection materials" (2001).

Authorized Signature

Final Check Date

张向波
 2020年 08月 06日





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Jiangsu Health Detection Technology Co., Ltd.

Test Report

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Sample Registration No.	20200843	Received Date	2020/7/27
Sample Name	Hytecon HYPRO water purifier	Finished Date	2020/8/6
Test Category	Hygienic Safety		

Test Result

Item	Unit	Test Result			Criteria	Judgement
		Blank	Sample1	Sample2		
Color	°	<5	<5	<5	Increase ≤5	Passed
Turbidity	NTU	0.05	0.09	0.09	Increase ≤0.5	Passed
Odor and Taste	/	N/A	N/A	N/A	no odor or taste in steeped water	Passed
Visible	/	N/A	N/A	N/A	no visual particles found in steeped water	Passed
Oxygen Demand (O ₂)	mg/L	0.24	0.24	0.25	Increase ≤2	Passed
Pb	mg/L	<0.0007	<0.0007	<0.0007	Increase ≤0.001	Passed
Cd	mg/L	<0.0001	<0.0001	<0.0001	Increase ≤0.0005	Passed
Hg	mg/L	<0.0001	<0.0001	<0.0001	Increase ≤0.0002	Passed
Cr(6+)	mg/L	<0.004	<0.004	<0.004	Increase ≤0.005	Passed
As	mg/L	<0.001	<0.001	<0.001	Increase ≤0.001	Passed
Volatile phenol (Phenol)	mg/L	<0.002	<0.002	<0.002	Increase ≤0.002	Passed
Bacterial Total Count	CFU/ml	N/A	N/A	N/A	≤100	Passed
Coliform Count	MPN/100ml	N/A	N/A	N/A	0	Passed
Thermotolerant Coliform Count	MPN/100ml	N/A	N/A	N/A	0	Passed

Authorized Signature

Final Check Date

张向波
2020年 08 月 06 日





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Test Report

Sample Registration No.

20200844

Sample Name

Hytecon HYPRO Water Purifier

Applicant

ANDI (Beijing) Climate Technologies Co., Ltd.

Jiangsu Health Detection Technology Co., Ltd.

Aug.6 2020





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Jiangsu Health Detection Technology Co., Ltd.

Test Report

Sample Registration No.	20200844	Page 1 of 4	
Sample Name	Hytecon HYPRO Water Purifier	Received Date	2020/7/27
Applicant	<u>ANDI (Beijing) Climate Technologies Co., Ltd.</u>	Sample Description	Complete Machine
Manufacturer	HYTECON Entwicklung und Produktion GmbH	Sample Qty	HYPRO, 2 pcs
Production date or batch No.	2020/2/25		

Conclusion:

According to "Guideline for Evaluation of Hygienic Safety and performance on Drinking Water Treatment Devices-General Purpose Water Treatment Device" (2001), overall performance test is done on samples. Testing method employed "Standard Test Method for Drinking Water Quality" (GB/T 5750-2006).

Result: within nominal total treatment volume 2m³ with declared flow rate 3.00L/min, in pour city water, then collect water before and after treatment respectively at treated volume reached 0 m³ and 2 m³. Water quality complies to "Guideline for Evaluation of Hygienic Safety on Drinking Water conveyance equipment and protection materials" (2001).

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Final Check Date

张向波
2020年 08月 06日





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Sample Registration No.

20200844

Test Report

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Sample Name

Hytecon HYPRO water purifier

Received Date

2020/7/27

Test Category

Overall performance test

Finished Date

2020/8/6

Test Result

Table 1 Water Quality Analysis and evaluation (0m³) Inpour starting @ flow rate (3.00L/min), full analysis

Item	Unit	Before	After filter		Creteria	Judgement
		filter	Sample1	Sample2		
Color	°	<5	<5	<5	≤15	Passed
Turbidity	NTU	0.14	0.07	0.07	≤1	Passed
Odor and Taste	/	N/A	N/A	N/A	no odor or taste in steeped water	Passed
Visible	/	N/A	N/A	N/A	no visual particles found in steeped water	Passed
pH	/	7.82	7.85	7.87	6.5-8.5	Passed
Total Hardness(CaCO ₃)	mg/L	128.3	128.6	130.8	≤450	Passed
Al	mg/L	0.01	<0.01	<0.01	≤0.2	Passed
Fe	mg/L	0.03	0.02	0.02	≤0.3	Passed
Mn	mg/L	<0.001	<0.001	<0.001	≤0.1	Passed
Cu	mg/L	<0.005	<0.005	<0.005	≤1.0	Passed
Zn	mg/L	<0.01	<0.01	<0.01	≤1.0	Passed
Volatile phenol (Phenol)	mg/L	<0.002	<0.002	<0.002	≤0.002	Passed
Sulphate	mg/L	23.6	22.1	22.1	≤250	Passed
Chloride	mg/L	20.0	14.1	14.1	≤250	Passed
TDS	mg/L	149	149	150	≤1000	Passed
Oxygen Demand (O ₂)	mg/L	0.94	0.67	0.67	≤3	Passed
As	mg/L	<0.001	<0.001	<0.001	≤0.01	Passed
Cd	mg/L	<0.0001	<0.0001	<0.0001	≤0.005	Passed
Cr(6+)	mg/L	<0.004	<0.004	<0.004	≤0.05	Passed
Cyanide	mg/L	<0.002	<0.002	<0.002	≤0.05	Passed
Fluorides	mg/L	0.35	0.39	0.39	≤1.0	Passed
Pb	mg/L	<0.0007	<0.0007	<0.0007	≤0.01	Passed
Nitrate nitrogen	mg/L	1.55	1.74	1.74	≤10	Passed



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Test Report

Sample Registration No.

20200844

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Table 1 Water Quality Analysis and evaluation (0m³) Inpour starting @ flow rate (3.00L/min), full analysis

Item	Unit	Before filter	After filter		Criteria	Judgement
			Sample1	Sample2		
Hg	mg/L	<0.0001	<0.0001	<0.0001	≤0.001	Passed
Se	mg/L	<0.0004	<0.0004	<0.0004	≤0.01	Passed
Trichlormethane	mg/L	0.0077	0.0002	0.0002	≤0.06	Passed
Carbon tetrachloride	mg/L	<0.0001	<0.0001	<0.0001	≤0.002	Passed
Residual Chlorine	mg/L	0.050	<0.005	<0.005	/	/
Bacterial Total Count	CFU/ml	N/A	N/A	N/A	≤100	Passed
Coliform Count	MPN/100ml	N/A	N/A	N/A	0	Passed
Thermotolerant Coliform Count	MPN/100ml	N/A	N/A	N/A	0	Passed

Table 2 Water Quality Analysis and evaluation (2.00m³) Inpour starting @ flow rate (3.00L/min), full analysis

Item	Unit	Before filter	After filter		Criteria	Judgement
			Sample1	Sample2		
Color	°	<5	<5	<5	≤15	Passed
Turbidity	NTU	0.14	0.08	0.08	≤1	Passed
Odor and Taste	/	N/A	N/A	N/A	no odor or taste in steeped water	Passed
Visible	/	N/A	N/A	N/A	no visual particles found in steeped water	Passed
pH	/	7.84	7.90	7.92	6.5-8.5	Passed
Total Hardness(CaCO ₃)	mg/L	128.5	128.9	129.6	≤450	Passed
Al	mg/L	0.01	<0.01	<0.01	≤0.2	Passed
Fe	mg/L	0.03	0.02	0.03	≤0.3	Passed
Mn	mg/L	<0.001	<0.001	<0.001	≤0.1	Passed
Cu	mg/L	<0.005	<0.005	<0.005	≤1.0	Passed
Zn	mg/L	<0.01	<0.01	<0.01	≤1.0	Passed
Volatile phenol (Phenol)	mg/L	<0.002	<0.002	<0.002	≤0.002	Passed



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20200844

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Table 2 Water Quality Analysis and evaluation (2.00m³) Inpour starting @ flow rate (3.00L/min), full analysis

Item	Unit	Before	After filter		Creteria	Judgement
		filter	Sample1	Sample2		
Sulphate	mg/L	23.4	23.3	22.8	≤250	Passed
Chloride	mg/L	20.7	14.5	14.5	≤250	Passed
TDS	mg/L	150	151	150	≤1000	Passed
Oxygen Demand (O ₂)	mg/L	0.96	0.75	0.75	≤3	Passed
As	mg/L	<0.001	<0.001	<0.001	≤0.01	Passed
Cd	mg/L	<0.0001	<0.0001	<0.0001	≤0.005	Passed
Cr(6+)	mg/L	<0.004	<0.004	<0.004	≤0.05	Passed
Cyanide	mg/L	<0.002	<0.002	<0.002	≤0.05	Passed
Fluorides	mg/L	0.36	0.35	0.35	≤1.0	Passed
Pb	mg/L	<0.0007	<0.0007	<0.0007	≤0.01	Passed
Nitrate nitrogen	mg/L	1.55	1.89	1.89	≤10	Passed
Hg	mg/L	<0.0001	<0.0001	<0.0001	≤0.001	Passed
Se	mg/L	<0.0004	<0.0004	<0.0004	≤0.01	Passed
Trichlormethane	mg/L	0.0064	<0.0002	0.0002	≤0.06	Passed
Carbon tetrachloride	mg/L	<0.0001	<0.0001	<0.0001	≤0.002	Passed
Residual Chlorine	mg/L	0.050	<0.005	<0.005	/	/
Bacterial Total Count	CFU/ml	N/A	N/A	N/A	≤100	Passed
Coliform Count	MPN/100ml	N/A	N/A	N/A	0	Passed
Thermotolerant Coliform Count	MPN/100ml	N/A	N/A	N/A	0	Passed

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Authorized Signature

Final Check Date

张向波
2020年08月06日





181012050155

Test Report

Sample Registration No.

20200845

Sample Name

Hytecon HYPRO Water Purifier

Applicant

ANDI (Beijing) Climate Technologies Co., Ltd.

Jiangsu Health Detection Technology Co., Ltd.

Aug.6 2020





181012050155

Jiangsu Health Detection Technology Co., Ltd.

Test Report

Sample Registration No.	20200845	Page 1 of 4	
Sample Name	Hytecon HYPRO Water Purifier	Received Date	2020/7/27
Applicant	<u>ANDI (Beijing) Climate Technologies Co., Ltd.</u>	Sample	
Manufacturer	HYTECON Entwicklung und Produktion GmbH	Description	Complete Machine
Production date or batch No.	2020/2/25	Sample Qty	HYPRO, 2 pcs

Conclusion:

According to "Guideline for Evaluation of Hygienic Safety and performance on Drinking Water Treatment Devices-General Purpose Water Treatment Device" (2001), standard test is done on samples. Testing method employed "Standard Test Method for Drinking Water Quality" (GB/T 5750-2006).

Result: with nominal flow rate 3.00L/min, removal rate of oxygen demand, Volatile phenol (Phenol), Trichlormethane and Carbon tetrachloride in configured water sample on this water treatment device, at yield volume of 0 m³, 0.50 m³, 1.00 m³, 1.50 m³ and 2.00 m³ complies to "Guideline for Evaluation of Hygienic Safety on Drinking Water conveyance equipment and protection materials" (2001).

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Final Check Date

张向波
2020年 08月 06日





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Sample Registration No.

20200845

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Sample Name

Hytecon HYPRO water purifier

Received Date

2020/7/27

Test Category

Standard test

Finished Date

2020/8/6

Inpour starting Standard Test #1 (0m³) @ flow rate (3.00L/min)

Item	Unit	Configure d Sample	After filter		Removal Rate %		Removal Rate Required%	Judgement
			Sample 1	Sample 2	Sample 1	Sample 2		
Volatile phenol (Phenol)	mg/L	0.009	<0.002	<0.002	100	100	≥80	Passed
Trichlormethane	mg/L	0.3261	0.0021	0.0022	99.4	99.3	≥80	Passed
Carbon tetrachloride	mg/L	0.0093	<0.0001	<0.0001	100	100	≥80	Passed
Oxygen Demand (O ₂)	mg/L	14.85	2.15	2.23	85	85	≥25	Passed
Coliform Count	MPN/1 00ml	920	N/A	N/A	100	100	0 detect	Passed

1/4 Nominal Volume Standard Test #2 (0.50m³) @ flow rate (3.00L/min)

Item	Unit	Configure d Sample	After filter		Removal Rate %		Removal Rate Required%	Judgement
			Sample 1	Sample 2	Sample 1	Sample 2		
Volatile phenol (Phenol)	mg/L	0.009	<0.002	<0.002	100	100	≥80	Passed
Trichlormethane	mg/L	0.3162	0.0025	0.0025	99.2	99.2	≥80	Passed
Carbon tetrachloride	mg/L	0.0096	<0.0001	<0.0001	100	100	≥80	Passed
Oxygen Demand (O ₂)	mg/L	15.25	3.58	3.66	76.5	76.0	≥25	Passed
Coliform Count	MPN/1 00ml	540	N/A	N/A	100	100	0 detect	Passed



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2/4 Nominal Volume Standard Test #3 (1.00m³) @ flow rate (3.00L/min)

Item	Unit	Configure d Sample	After filter		Removal Rate %		Removal Rate Required%	Judgement
			Sample 1	Sample 2	Sample 1	Sample 2		
Volatile phenol (Phenol)	mg/L	0.010	<0.002	<0.002	100	100	≥80	Passed
Trichlormethane	mg/L	0.3264	0.0031	0.0031	99.1	99.1	≥80	Passed
Carbon tetrachloride	mg/L	0.0096	<0.0001	<0.0001	100	100	≥80	Passed
Oxygen Demand (O ₂)	mg/L	15.25	5.88	5.96	61.4	60.9	≥25	Passed
Coliform Count	MPN/1 00ml	510	N/A	N/A	100	100	0 detect	Passed

3/4 Nominal Volume Standard Test #4 (150m³) @ flow rate (3.00L/min)

Item	Unit	Configure d Sample	After filter		Removal Rate %		Removal Rate Required%	Judgement
			Sample 1	Sample 2	Sample 1	Sample 2		
Volatile phenol (Phenol)	mg/L	0.010	<0.002	<0.002	100	100	≥80	Passed
Trichlormethane	mg/L	0.3195	0.0034	0.0034	98.9	98.9	≥80	Passed
Carbon tetrachloride	mg/L	0.0093	<0.0001	<0.0001	100	100	≥80	Passed
Oxygen Demand (O ₂)	mg/L	15.65	6.76	6.83	56.8	56.4	≥25	Passed
Coliform Count	MPN/1 00ml	1600	N/A	N/A	100	100	0 detect	Passed



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Sample Registration No.

20200845

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4/4 Nominal Volume Standard Test #5 (2.00m³) @ flow rate (3.00L/min)

Item	Unit	Configure d Sample	After filter		Removal Rate %		Removal Rate Required%	Judgement
			Sample 1	Sample 2	Sample 1	Sample 2		
Volatile phenol (Phenol)	mg/L	0.011	<0.002	<0.002	100	100	≥80	Passed
Trichlormethane	mg/L	0.3006	0.0038	0.0039	98.7	98.7	≥80	Passed
Carbon tetrachloride	mg/L	0.0093	<0.0001	<0.0001	100	100	≥80	Passed
Oxygen Demand (O ₂)	mg/L	15.72	7.71	7.79	51.0	50.4	≥25	Passed
Coliform Count	MPN/1 00ml	1600	N/A	N/A	100	100	0 detect	Passed

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Final Check Date

张同庆
2020年 08 月 06 日





181012050155

Test Report

Sample Registration No.	20200831
Sample Name	Hytecon Silex Glass round plate
Applicant	ANDI (Beijing) Climate Technologies Co., Ltd.

Jiangsu Health Detection Technology Co., Ltd.

Aug.4 2020





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Jiangsu Health Detection Technology Co., Ltd.

Test Report

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Sample Registration No.	20200831		
Sample Name	Hytecon Silex Glass round plate	Received Date	2020/7/27
Applicant	ANDI (Beijing) Climate Technologies Co., Ltd.	Production Date	2020/1/25
Manufacturer	HYTECON Entwicklung und Produktion GmbH	Sample Qty	50 pcs
Sample Description	Transparent, solid, round plate, no color		

Conclusion:

Submitted samples are tested for hygienic safety evaluation, according to "Guideline for Evaluation of Hygienic Safety on Drinking Water conveyance equipment and protection materials" (2001).

Testing method employed "Standard Test Method for Drinking Water Quality" (GB/T 5750-2006), samples treated according to "Guideline for Evaluation of Hygienic Safety on Drinking Water conveyance equipment and protection materials" (2001) appendix A, steeping water prepared according to appendix A1.3.1, duration 24±1h, temperature at 25±5°C.

Result: color, turbidity, odor and taste, visible, pH value, TDS, Oxygen Demand ((O₂), As, Hg, Cr (6), volatile phenol (Phenol), Cd, AL, Pb, Trichlormethane, Carbon tetrachloride concentration are complying to "Guideline for Evaluation of Hygienic Safety on Drinking Water conveyance equipment and protection materials" (2001).

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Final Check Date

张同荣
2020年 08月 04日





181012050155

Jiangsu Health Detection Technology Co., Ltd.

Sample Registration No.	20200831	Test Report	Page 2 of 2
Sample Name	Hytecon Silex Glass round plate	Received Date	2020/7/27
Test Category	Hygienic Safety	Finished Date	2020/8/4

Item	Unit	Test Result			Criteria	Judgement
		Blank	Sample1	Sample2		
Color	°	<5	<5	<5	Increase ≤ 5	Passed
Turbidity	NTU	0.06	0.07	0.08	Increase ≤ 0.2	Passed
Odor and Taste	/	N/A	N/A	N/A	no odor or taste in steeped water	Passed
Visibles	/	N/A	N/A	N/A	no visual particles found in steeped water	Passed
pH	/	7.93	8.07	8.11	changed ≤ 0.5	Passed
TDS	mg/L	161	160	161	Increase ≤ 10	Passed
Oxygen Demand (O ₂)	mg/L	0.55	0.68	0.69	Increase ≤ 1	Passed
As	mg/L	<0.001	<0.001	<0.001	Increase ≤ 0.001	Passed
Cd	mg/L	<0.0001	<0.0001	<0.0001	Increase ≤ 0.0002	Passed
Cr(6+)	mg/L	<0.004	<0.004	<0.004	Increase ≤ 0.005	Passed
Al	mg/L	<0.01	<0.01	<0.01	Increase ≤ 0.02	Passed
Pb	mg/L	<0.0007	<0.0007	<0.0007	Increase ≤ 0.001	Passed
Hg	mg/L	<0.0001	<0.0001	<0.0001	Increase ≤ 0.0002	Passed
Trichlormethane	mg/L	0.0066	0.0070	0.0071	Increase ≤ 0.006	Passed
Volatile phenol (Phenol)	mg/L	<0.002	<0.002	<0.002	Increase ≤ 0.002	Passed
Carbon tetrachloride	mg/L	<0.0001	<0.0001	<0.0001	Increase ≤ 0.0002	Passed

Authorized Signature
Final Check Date

张向荣
2020年08月04日





181012050155

Test Report

Sample Registration No.

20200830

Sample Name

Hytecon Polypropylene lined water tank

Applicant

ANDI (Beijing) Climate Technologies Co., Ltd.

Jiangsu Health Detection Technology Co., Ltd.

Aug.4 2020





181012050155

Jiangsu Health Detection Technology Co., Ltd.

Test Report

Sample Registration No.	20200830	Page 1 of 3	
Sample Name	Hytecon Polypropylene lined water tank	Received Date	2020/7/27
Applicant	ANDI (Beijing) Climate Technologies Co., Ltd.	Production Date	2020/1/25
Manufacturer	HYTECON Entwicklung und Produktion GmbH	Sample Qty	OD 112mm, length 145mm, 6 pcs
Sample Description	Solid bar, outside black		

Conclusion:

Submitted samples are tested for hygienic safety evaluation, according to "Guideline for Evaluation of Hygienic Safety on Drinking Water conveyance equipment and protection materials" (2001).

Testing method employed "Standard Test Method for Drinking Water Quality" (GB/T 5750-2006), samples treated according to "Guideline for Evaluation of Hygienic Safety on Drinking Water conveyance equipment and protection materials" (2001) appendix A, steeping water prepared according to appendix A1.3.1, duration 24±1h, temperature at 25±5°C.

Result: color, turbidity, odor and taste, visible, pH value, TDS, Oxygen Demand ((O₂), As, Hg, Cr (6), volatile phenol (Phenol), Cd, AL, Pb, Ba, Sb, Sn, Trichlormethane, Carbon tetrachloride concentration are complying to "Guideline for Evaluation of Hygienic Safety on Drinking Water conveyance equipment and protection materials" (2001).

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Final Check Date

张同东
2020年08月04日





181012050155

Jiangsu Health Detection Technology Co., Ltd.

Sample Registration No.

20200830

Test Report

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Sample Name	Hytecon Polypropylene lined water tank	Received Date	2020/7/27
Test Category	Hygienic Safety	Finished Date	2020/8/4

Item	Unit	Test Result			Criteria	Judgement
		Blank	Sample1	Sample2		
Color	°	<5	<5	<5	Increase ≤ 5	Passed
Turbidity	NTU	0.06	0.07	0.08	Increase ≤ 0.2	Passed
Odor and Taste	/	N/A	N/A	N/A	no odor or taste in steeped water	Passed
Visibles	/	N/A	N/A	N/A	no visual particles found in steeped water	Passed
pH	/	7.93	8.07	8.11	changed ≤ 0.5	Passed
TDS	mg/L	161	160	161	Increase ≤ 10	Passed
Oxygen Demand (O ₂)	mg/L	0.55	0.68	0.69	Increase ≤ 1	Passed
As	mg/L	<0.001	<0.001	<0.001	Increase ≤ 0.001	Passed
Cd	mg/L	<0.0001	<0.0001	<0.0001	Increase ≤ 0.0002	Passed
Cr(6+)	mg/L	<0.004	<0.004	<0.004	Increase ≤ 0.005	Passed
Al	mg/L	<0.01	<0.01	<0.01	Increase ≤ 0.02	Passed
Pb	mg/L	<0.0007	<0.0007	<0.0007	Increase ≤ 0.001	Passed
Hg	mg/L	<0.0001	<0.0001	<0.0001	Increase ≤ 0.0002	Passed
Trichlormethane	mg/L	0.0066	0.0070	0.0071	Increase ≤ 0.006	Passed
Volatile phenol (Phenol)	mg/L	<0.002	<0.002	<0.002	Increase ≤ 0.002	Passed
Ba	mg/L	<0.005	<0.005	<0.005	Increase ≤ 0.05	Passed
Sb	mg/L	<0.00007	<0.00007	<0.00007	Increase ≤ 0.0005	Passed
Carbon tetrachloride	mg/L	<0.0001	<0.0001	<0.0001	Increase ≤ 0.0002	Passed

(to be continued on next page)



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Jiangsu Health Detection Technology Co., Ltd.

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Item	Unit	Test Result			Criteria	Judgement
		Blank	Sample1	Sample2		
Sn	mg/L	<0.0002	<0.0002	<0.0002	Increase ≤0.002	Passed

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Final Check Date

张同庆
2020年08月04日





181012050155

Test Report

Sample Registration No.	20200829
Sample Name	Hytecon Compressed Active Carbon Filter
Applicant	ANDI (Beijing) Climate Technologies Co., Ltd.

Jiangsu Health Detection Technology Co., Ltd.

Aug.4 2020





181012050155

Sample Registration No. 20200829

Hytecon compressed active carbon filter

Sample Name	ANDI (Beijing) Climate Technologies Co., Ltd.	Received Date	2020/7/27
Applicant		Production Date	2020/1/25
Manufacturer	HYTECON Entwicklung und Produktion GmbH	Sample Qty	Pore 5µm, 6 pcs
Sample Description	Solid bar, inner black		

Conclusion:

Submitted samples are tested for hygienic safety evaluation, according to "Guideline for Evaluation of Hygienic Safety on Drinking Water conveyance equipment and protection materials" (2001).

Testing method employed "Standard Test Method for Drinking Water Quality" (GB/T 5750-2006), samples treated according to "Guideline for Evaluation of Hygienic Safety on Drinking Water conveyance equipment and protection materials" (2001) appendix A, steeping water prepared according to appendix A1.3.1, duration 24±1h, temperature at 25±5°C.

Result: color, turbidity, odor and taste, visible, pH value, TDS, Oxygen Demand ((O₂), As, Hg, Cr (6), volatile phenol (Phenol), Cd, AL, Pb, Fe, Mn, Cu, Zn, Ba, Sb, Sn, Ag, Trichlormethane, Carbon tetrachloride, Fluorides, Nitrate nitrogen concentration are complying to "Guideline for Evaluation of Hygienic Safety on Drinking Water conveyance equipment and protection materials" (2001).

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Authorized Signature
Final Check Date

张同庆
2020年08月04日





181012050155

Jiangsu Health Detection Technology Co., Ltd.

Sample Registration No.

20200829

Test Report

Page 2 of 3

Sample Name Hytecon compressed active carbon

Sample Name

filter

Received Date

2020/7/27

Test Category

Hygienic Safety

Finished Date

2020/8/4

Item	Unit	Test Result			Criteria	Judgement
		Blank	Sample1	Sample2		
Color	°	<5	<5	<5	Increase ≤ 5	Passed
Turbidity	NTU	0.06	0.07	0.08	Increase ≤ 0.2	Passed
Odor and Taste	/	N/A	N/A	N/A	no odor or taste in steeped water	Passed
Visibles	/	N/A	N/A	N/A	no visual particles found in steeped water	Passed
pH	/	7.93	8.07	8.11	changed ≤ 0.5	Passed
TDS	mg/L	161	160	161	Increase ≤ 10	Passed
Oxygen Demand (O ₂)	mg/L	0.55	0.68	0.69	Increase ≤ 1	Passed
As	mg/L	<0.001	<0.001	<0.001	Increase ≤ 0.001	Passed
Cd	mg/L	<0.0001	<0.0001	<0.0001	Increase ≤ 0.0002	Passed
Cr(6+)	mg/L	<0.004	<0.004	<0.004	Increase ≤ 0.005	Passed
Al	mg/L	<0.01	<0.01	<0.01	Increase ≤ 0.02	Passed
Pb	mg/L	<0.0007	<0.0007	<0.0007	Increase ≤ 0.001	Passed
Hg	mg/L	<0.0001	<0.0001	<0.0001	Increase ≤ 0.0002	Passed
Trichlormethane	mg/L	0.0066	0.0070	0.0071	Increase ≤ 0.006	Passed
Volatile phenol (Phenol)	mg/L	<0.002	<0.002	<0.002	Increase ≤ 0.002	Passed
Fe	mg/L	<0.03	<0.03	<0.03	Increase ≤ 0.06	Passed
Mn	mg/L	<0.001	<0.001	<0.001	Increase ≤ 0.02	Passed
Cu	mg/L	<0.005	<0.005	<0.005	Increase ≤ 0.2	Passed

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Jiangsu Health Detection Technology Co., Ltd.

Test Report

Sample Registration No.

20200829

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Item	Unit	Test Result			Criteria	Judgement
		Blank	Sample1	Sample2		
Zn	mg/L	<0.01	<0.01	<0.01	Increase ≤ 0.2	Passed
Ba	mg/L	<0.005	<0.005	<0.005	Increase ≤ 0.05	Passed
Sb	mg/L	<0.00007	<0.00007	<0.00007	Increase ≤ 0.0005	Passed
Carbon tetrachloride	mg/L	<0.0001	<0.0001	<0.0001	Increase ≤ 0.0002	Passed
Ag	mg/L	<0.0005	<0.0006	<0.0007	Increase ≤ 0.005	Passed
Sn	mg/L	<0.0002	<0.0002	<0.0002	Increase ≤ 0.002	Passed
Fluorides	mg/L	<0.05	<0.05	<0.05	Increase ≤ 0.1	Passed
Nitrate nitrogen	mg/L	<0.50	<0.50	<0.50	Increase ≤ 1.0	Passed

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张同庆
2020年08月04日





181012050155

Test Report

Sample Registration No.

20200828

Sample Name

Hytecon PE Filter Bonnet (w/white PP cap)

Applicant

ANDI (Beijing) Climate Technologies Co., Ltd.

Jiangsu Health Detection Technology Co., Ltd.

Aug.4 2020





181012050155

Jiangsu Health Detection Technology Co., Ltd.

Test Report

Sample Registration No.	20200828	Page 1 of 3	
Sample Name	Hytecon PE filter bonnet (w/white PP cap)	Received Date	2020/7/27
Applicant	ANDI (Beijing) Climate Technologies Co., Ltd.	Production Date	2020/1/25
Manufacturer	HYTECON Entwicklung und Produktion GmbH	Sample Qty	Diameter 100mm, Length 206mm, 6 pcs
Sample Description	Solid black bar and white cap		

Conclusion:

Submitted samples are tested for hygienic safety evaluation, according to "Guideline for Evaluation of Hygienic Safety on Drinking Water conveyance equipment and protection materials" (2001).

Testing method employed "Standard Test Method for Drinking Water Quality" (GB/T 5750-2006), samples treated according to "Guideline for Evaluation of Hygienic Safety on Drinking Water conveyance equipment and protection materials" (2001) appendix A, steeping water prepared according to appendix A1.3.1, duration 24±1h, temperature at 25±5°C.

Result: color, turbidity, odor and taste, visible, pH value, TDS, Oxygen Demand ((O₂), As, Hg, Cr (6), volatile phenol (Phenol), Cd, AL, Pb, Ba, Sb, Sn, Trichlormethane, Carbon tetrachloride concentration are complying to "Guideline for Evaluation of Hygienic Safety on Drinking Water conveyance equipment and protection materials" (2001).

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Authorized Signature
Final Check Date

张同东
2020年 08月 04日





181012050155

Jiangsu Health Detection Technology Co., Ltd.

Sample Registration No.

20200828

Test Report

Page 2 of 3

Sample Name
Hytecon PE filter bonnet (w/white PP cap)

Received Date

2020/7/27

Test Category

Hygienic Safety

Finished Date

2020/8/4

Item	Unit	Test Result			Criteria	Judgement
		Blank	Sample1	Sample2		
Color	°	<5	<5	<5	Increase ≤ 5	Passed
Turbidity	NTU	0.06	0.07	0.08	Increase ≤ 0.2	Passed
Odor and Taste	/	N/A	N/A	N/A	no odor or taste in steeped water	Passed
Visibles	/	N/A	N/A	N/A	no visual particles found in steeped water	Passed
pH	/	7.93	8.07	8.11	changed ≤ 0.5	Passed
TDS	mg/L	161	160	161	Increase ≤ 10	Passed
Oxygen Demand (O ₂)	mg/L	0.55	0.68	0.69	Increase ≤ 1	Passed
As	mg/L	<0.001	<0.001	<0.001	Increase ≤ 0.001	Passed
Cd	mg/L	<0.0001	<0.0001	<0.0001	Increase ≤ 0.0002	Passed
Cr(6+)	mg/L	<0.004	<0.004	<0.004	Increase ≤ 0.005	Passed
Al	mg/L	<0.01	<0.01	<0.01	Increase ≤ 0.02	Passed
Pb	mg/L	<0.0007	<0.0007	<0.0007	Increase ≤ 0.001	Passed
Hg	mg/L	<0.0001	<0.0001	<0.0001	Increase ≤ 0.0002	Passed
Trichlormethane	mg/L	0.0066	0.0070	0.0071	Increase ≤ 0.006	Passed
Volatile phenol (Phenol)	mg/L	<0.002	<0.002	<0.002	Increase ≤ 0.002	Passed
Ba	mg/L	<0.005	<0.005	<0.005	Increase ≤ 0.05	Passed
Sb	mg/L	<0.00007	<0.00007	<0.00007	Increase ≤ 0.0005	Passed
Carbon tetrachloride	mg/L	<0.0001	<0.0001	<0.0001	Increase ≤ 0.0002	Passed

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181012050155

Jiangsu Health Detection Technology Co., Ltd.

Test Report

Sample Registration No.

20200828

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Item	Unit	Test Result			Criteria	Judgement
		Blank	Sample1	Sample2		
Sn	mg/L	<0.0002	<0.0002	<0.0002	Increase ≤ 0.002	Passed

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Final Check Date

张同庆
2020年08月04日

