



KOREA TESTING & RESEARCH INSTITUTE

www.ktr.or.kr

88-2, Yeongdeungpo-dong 8-ga, Yeongdeungpo-gu, Seoul, Korea

Tel : +82-2-2164-0011 Fax : +82-2-2634-1008

TEST REPORT

(Additional Copy)

7-6, Gomak-Ri, Wolgot-Myeon, Gimpo-Si, Gyeonggi-Do, KOREA

TEL 82-31-999-3000

FAX 82-31-999-3001

Report No : TAH-006711

Receipt Date : Nov.16.2007

Client : Yong-Sung Shin

Test Date : Nov.29.2007

HYUNDAI WACOR TEC

#684-49, Gongreung-Dong, Nowon-Ku, Seoul, Korea

Sample : WATER PURIFIER FILTER SET

TEST RESULTS

TEST ITEM	UNIT	SAMPLE	RESULT	TEST METHOD
Total Colony counts	CFU/ml		Not Detected	Test Method of Drinking Water "The Ministry of Environment" : 2007
Total E.Coli	-/100ml		Not Detected	Test Method of Drinking Water "The Ministry of Environment" : 2007
E.Coli/Fecal Coliforms	-/100ml		Not Detected	Test Method of Drinking Water "The Ministry of Environment" : 2007
Pb	mg/L		Not Detected	Test Method of Drinking Water "The Ministry of Environment" : 2007
F ⁻	mg/L		0.25	Test Method of Drinking Water "The Ministry of Environment" : 2007
As	mg/L		Not Detected	Test Method of Drinking Water "The Ministry of Environment" : 2007
Se	mg/L		Not Detected	Test Method of Drinking Water "The Ministry of Environment" : 2007
Hg	mg/L		Not Detected	Test Method of Drinking Water "The Ministry of Environment" : 2007
CN ⁻	mg/L		Not Detected	Test Method of Drinking Water "The Ministry of Environment" : 2007
Cr(VI)	mg/L		Not Detected	Test Method of Drinking Water "The Ministry of Environment" : 2007
NH ₃ -N	mg/L		Not Detected	Test Method of Drinking Water "The Ministry of Environment" : 2007
NO ₃ -N	mg/L		1.2	Test Method of Drinking Water "The Ministry of Environment" : 2007
Cd	mg/L		See Attachment	Test Method of Drinking Water "The Ministry of Environment" : 2007

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Un-Gi Lee

Reviewed by Un-Gi Lee

Technical Manager

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Nov.29.2007



Korea Testing & Research Institute

President *Bowon Lee*



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TEST ITEM	UNIT	SAMPLE	RESULT	TEST METHOD
B	mg/L		Not Detected	Test Method of Drinking Water "The Ministry of Environment" : 2007
Phenol	mg/L		Not Detected	Test Method of Drinking Water "The Ministry of Environment" : 2007
Diazinon	mg/L		Not Detected	Test Method of Drinking Water "The Ministry of Environment" : 2007
Parathion	mg/L		Not Detected	Test Method of Drinking Water "The Ministry of Environment" : 2007
Fenitrothione	mg/L		Not Detected	Test Method of Drinking Water "The Ministry of Environment" : 2007
Carbaryl	mg/L		Not Detected	Test Method of Drinking Water "The Ministry of Environment" : 2007
1,1,1-Trichloroethane	mg/L		Not Detected	Test Method of Drinking Water "The Ministry of Environment" : 2007
Tetrachloroethylene	mg/L		Not Detected	Test Method of Drinking Water "The Ministry of Environment" : 2007
Trichloroethylene	mg/L		Not Detected	Test Method of Drinking Water "The Ministry of Environment" : 2007
Dichloromethane	mg/L		Not Detected	Test Method of Drinking Water "The Ministry of Environment" : 2007
Benzene	mg/L		Not Detected	Test Method of Drinking Water "The Ministry of Environment" : 2007
Toluene	mg/L		Not Detected	Test Method of Drinking Water "The Ministry of Environment" : 2007
Ethyl benzen	mg/L		Not Detected	Test Method of Drinking Water "The Ministry of Environment" : 2007

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TEST RESULTS

TEST ITEM	UNIT	SAMPLE	RESULT	TEST METHOD
Xylene	mg/L		Not Detected	Test Method of Drinking Water "The Ministry of Environment" : 2007
1,1-Dichloroethylene	mg/L		Not Detected	Test Method of Drinking Water "The Ministry of Environment" : 2007
Carbon Tetrachloride	mg/L		Not Detected	Test Method of Drinking Water "The Ministry of Environment" : 2007
1,2-Dibromo-3-Chloropropan	mg/L		Not Detected	Test Method of Drinking Water "The Ministry of Environment" : 2007
Hardness	mg/L		64	Test Method of Drinking Water "The Ministry of Environment" : 2007
Consumption of KMnO ₄	mg/L		1.3	Test Method of Drinking Water "The Ministry of Environment" : 2007
Odor	-		Pass	Test Method of Drinking Water "The Ministry of Environment" : 2007
Taste	-		Pass	Test Method of Drinking Water "The Ministry of Environment" : 2007
Cu	mg/L		Not Detected	Test Method of Drinking Water "The Ministry of Environment" : 2007
Color	degree		1	Test Method of Drinking Water "The Ministry of Environment" : 2007
Detergent	mg/L		Not Detected	Test Method of Drinking Water "The Ministry of Environment" : 2007
pH	-		7.3	Test Method of Drinking Water "The Ministry of Environment" : 2007
Zn	mg/L		0.049	Test Method of Drinking Water "The Ministry of Environment" : 2007

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Sample : WATER PURIFIER FILTER SET

TEST RESULTS

TEST ITEM	UNIT	SAMPLE	RESULT	TEST METHOD
Cl ⁻	mg/L		11	Test Method of Drinking Water "The Ministry of Environment" : 2007
Residue on Evaporation	mg/L		104	Test Method of Drinking Water "The Ministry of Environment" : 2007
Fe	mg/L		Not Detected	Test Method of Drinking Water "The Ministry of Environment" : 2007
Mn	mg/L		Not Detected	Test Method of Drinking Water "The Ministry of Environment" : 2007
Turbidity	NTU		0.12	Test Method of Drinking Water "The Ministry of Environment" : 2007
SO ₄ ²⁻	mg/L		9	Test Method of Drinking Water "The Ministry of Environment" : 2007
Al	mg/L		0.02	Test Method of Drinking Water "The Ministry of Environment" : 2007

Test condition

Water pressure : 0.15 MPa

Temperature : 18 °C

Tap water

USAGE : QUALITY CONTROL

- NOTE :
1. The test result of this test report only limited in the sample and sample name presented by the client and do not guarantee the all products of the client.
 2. This test report shall be used only within the purpose of its defined usage and also shall not be used for public relation, advertisement and suit without the KTR's written approval.

Jung-Il Lee

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Nov.29.2007



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시험 성적서

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FAX (031)999-3001

접수번호 : TAH-006711

대표자 : 신용성

업체명 : (주)현대와코텍

주소 : 서울시 노원구 공릉동 684-49

접수 일자 : 2007년 11월 16일

시험완료일자 : 2007년 11월 29일

시료명 : 정수기 필터셋트

시험 결과

시험항목	단위	시료구분	결과치	시험방법
일반세균	CFU/ml		불검출	먹는물수질공정시험법: 2007
총대장균군	-/100ml		불검출	먹는물수질공정시험법: 2007
대장균/분원성대장균군	-/100ml		불검출	먹는물수질공정시험법: 2007
Pb	mg/L		불검출	먹는물수질공정시험법:2007
F ⁻	mg/L		0.25	먹는물수질공정시험법:2007
As	mg/L		불검출	먹는물수질공정시험법:2007
Se	mg/L		불검출	먹는물수질공정시험법:2007
Hg	mg/L		불검출	먹는물수질공정시험법:2007
CN ⁻	mg/L		불검출	먹는물수질공정시험법:2007
Cr(VI)	mg/L		불검출	먹는물수질공정시험법:2007
NH ₃ -N	mg/L		불검출	먹는물수질공정시험법:2007
NO ₃ -N	mg/L		1.2	먹는물수질공정시험법:2007
Cd	mg/L		불검출	먹는물수질공정시험법:2007
B	mg/L		불검출	먹는물수질공정시험법:2007
페놀	mg/L		불검출	먹는물수질공정시험법:2007
다이아지논	mg/L		불검출	먹는물수질공정시험법:2007
파라티온	mg/L		불검출	먹는물수질공정시험법:2007
페니트로티온	mg/L		불검출	먹는물수질공정시험법:2007
카바릴	mg/L		불검출	먹는물수질공정시험법:2007
1,1,1-트리클로로에탄	mg/L		불검출	먹는물수질공정시험법:2007

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2007년 11월 29일



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시료명 : 정수기 필터셋트

시험 결과

시험항목	단위	시료구분	결과치	시험방법
테트라클로로에틸렌	mg/L		불검출	먹는물수질공정시험법:2007
트리클로로에틸렌	mg/L		불검출	먹는물수질공정시험법:2007
디클로로메탄	mg/L		불검출	먹는물수질공정시험법:2007
벤젠	mg/L		불검출	먹는물수질공정시험법:2007
톨루엔	mg/L		불검출	먹는물수질공정시험법:2007
에틸벤젠	mg/L		불검출	먹는물수질공정시험법:2007
크실렌	mg/L		불검출	먹는물수질공정시험법:2007
1,1-디클로로에틸렌	mg/L		불검출	먹는물수질공정시험법:2007
사염화탄소	mg/L		불검출	먹는물수질공정시험법:2007
1,2-디브로모-3-클로로프로판	mg/L		불검출	먹는물수질공정시험법:2007
경도	mg/L		64	먹는물수질공정시험법:2007
과망간산칼륨소비량	mg/L		1.3	먹는물수질공정시험법:2007
냄새	-		적	먹는물수질공정시험법:2007
맛	-		적	먹는물수질공정시험법:2007
Cu	mg/L		불검출	먹는물수질공정시험법:2007
색도	도		1	먹는물수질공정시험법:2007
세제	mg/L		불검출	먹는물수질공정시험법:2007
pH	-		7.3	먹는물수질공정시험법:2007
Zn	mg/L		0.049	먹는물수질공정시험법:2007
Cl ⁻	mg/L		11	먹는물수질공정시험법:2007

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Mn	mg/L		불검출	먹는물수질공정시험법:2007
탁도	NTU		0.12	먹는물수질공정시험법:2007
SO ₄ ²⁻	mg/L		9	먹는물수질공정시험법:2007
Al	mg/L		0.02	먹는물수질공정시험법:2007

시험조건 : 수압 : 0.15 MPa

수온 : 18 °C

유입수 : 수도수

용도 : 품질관리용

비고 : 1. 이 성적서는 의뢰자가 제시한 시료 및 시료명으로 시험한 결과로서 전체제품에 대한 품질을 보증하지는 않습니다.
2. 이 성적서는 당 시험연구원의 사전 서면동의 없이 홍보, 선전, 광고 및 소송용으로 사용될 수 없으며, 용도 이외의 사용을 금합니다.

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2007년 11월 29일



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