



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

(Registered 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-004357

Receipt Date : Jul.23.2007

Client : Yong-Sung Shin

Test Date : Aug.06.2007

HYUNDAI WACORTEC. CO., LTD.

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

Sample : Nano pH Filter

TEST RESULTS

TEST ITEM	UNIT	SAMPLE	RESULT	TEST METHOD
Generl Bactria	CFU/ml		Not Detected	By The Client (Test Method of Drinking Water "The Ministry of Environment" : 2004)
Total E.Coli	-/100ml		Not Detected	By The Client (Test Method of Drinking Water "The Ministry of Environment" : 2004)
E.Coli/Fecal Coliforms	-/100ml		Not Detected	By The Client (Test Method of Drinking Water "The Ministry of Environment" : 2004)
Pb	mg/L		Not Detected	Test Method of Drinking Water "The Ministry of Environment"
F ⁻	mg/L		0.2	Test Method of Drinking Water "The Ministry of Environment"
As	mg/L		Not Detected	Test Method of Drinking Water "The Ministry of Environment"
Se	mg/L		Not Detected	Test Method of Drinking Water "The Ministry of Environment"
Hg	mg/L		Not Detected	Test Method of Drinking Water "The Ministry of Environment"
CN ⁻	mg/L		Not Detected	Test Method of Drinking Water "The Ministry of Environment"
Cr(VI)	mg/L		Not Detected	Test Method of Drinking Water "The Ministry of Environment"
NH ₃ -N	mg/L		Not Detected	Test Method of Drinking Water "The Ministry of Environment"

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Jung-Il Lee

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Un-Gi Lee

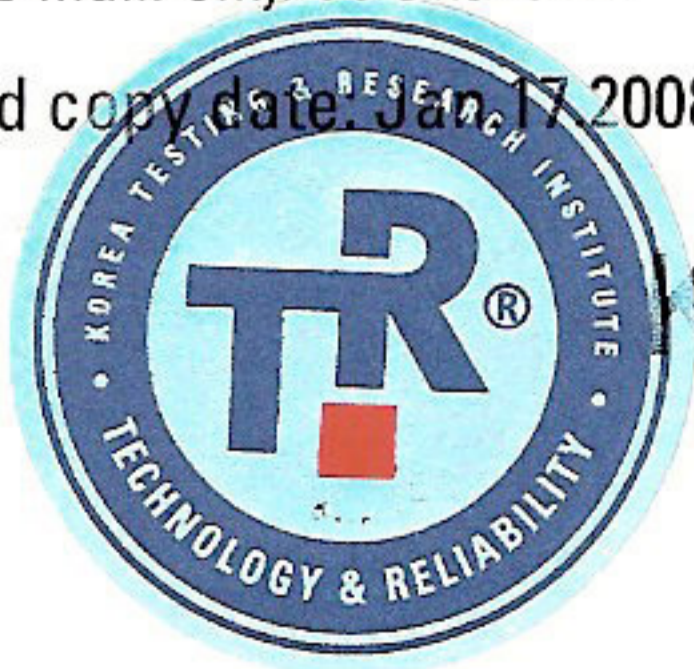
Reviewed by Un-Gi Lee

Technical Manager

E-mail: lug531@ktr.or.kr

Registered copy date: Jan.17.2008

Aug.06.2007



Korea Testing & Research Institute

President *Risung Cho*



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TEST ITEM	UNIT	SAMPLE	RESULT	TEST METHOD
NO ₃ -N	mg/L		1.8	Test Method of Drinking Water "The Ministry of Environment"
Cd	mg/L		Not Detected	Test Method of Drinking Water "The Ministry of Environment"
B	mg/L		Not Detected	Test Method of Drinking Water "The Ministry of Environment"
Phenol	mg/L		Not Detected	Test Method of Drinking Water "The Ministry of Environment"
Diazinon	mg/L		Not Detected	Test Method of Drinking Water "The Ministry of Environment"
Parathion	mg/L		Not Detected	Test Method of Drinking Water "The Ministry of Environment"
Fenitrothione	mg/L		Not Detected	Test Method of Drinking Water "The Ministry of Environment"
Carbaryl	mg/L		Not Detected	Test Method of Drinking Water "The Ministry of Environment"
1,1,1-Trichloroethane	mg/L		Not Detected	Test Method of Drinking Water "The Ministry of Environment"
Tetrachloroethylene	mg/L		Not Detected	Test Method of Drinking Water "The Ministry of Environment"
Trichloroethylene	mg/L		Not Detected	Test Method of Drinking Water "The Ministry of Environment"
Dichloromethane	mg/L		Not Detected	Test Method of Drinking Water "The Ministry of Environment"
Benzene	mg/L		Not Detected	Test Method of Drinking Water "The Ministry of Environment"

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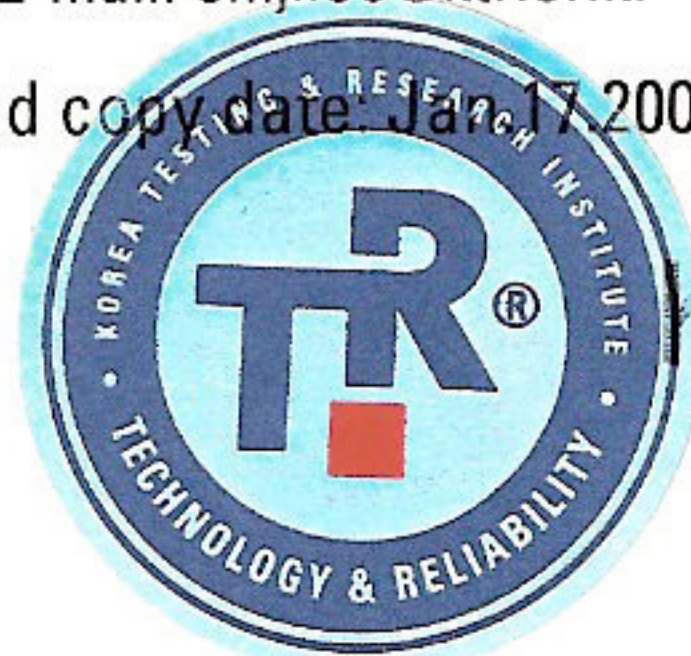
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TEST RESULTS

TEST ITEM	UNIT	SAMPLE	RESULT	TEST METHOD
Toluene	mg/L		Not Detected	Test Method of Drinking Water "The Ministry of Environment"
Ethylbenzen	mg/L		Not Detected	Test Method of Drinking Water "The Ministry of Environment"
Xylene	mg/L		Not Detected	Test Method of Drinking Water "The Ministry of Environment"
1,1-Dichloroethylene	mg/L		Not Detected	Test Method of Drinking Water "The Ministry of Environment"
Carbon Tetrachloride	mg/L		Not Detected	Test Method of Drinking Water "The Ministry of Environment"
1,2-Dibromo-3-chloropropane	mg/L		Not Detected	Test Method of Drinking Water "The Ministry of Environment"
Hardness	mg/L		92	Test Method of Drinking Water "The Ministry of Environment"
Reducing constituents;KMnO ₄	mg/L		1.3	Test Method of Drinking Water "The Ministry of Environment"
Odor	-		Pass	Test Method of Drinking Water "The Ministry of Environment"
Taste	-		Pass	Test Method of Drinking Water "The Ministry of Environment"
Cu	mg/L		Not Detected	Test Method of Drinking Water "The Ministry of Environment"
Color	degree		1	Test Method of Drinking Water "The Ministry of Environment"
ABS	mg/L		Not Detected	Test Method of Drinking Water "The Ministry of Environment"

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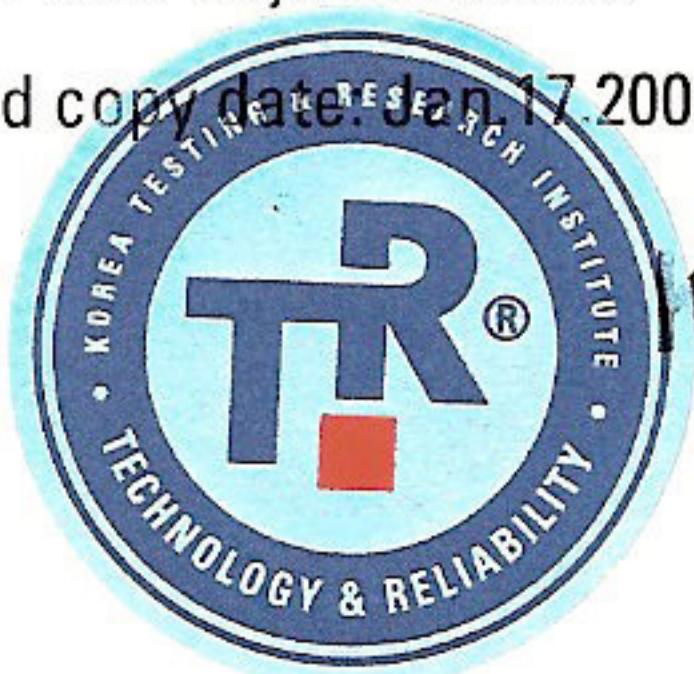
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TEST ITEM	UNIT	SAMPLE	RESULT	TEST METHOD
pH	-		10.2	Test Method of Drinking Water "The Ministry of Environment"
Zn	mg/L		Not Detected	Test Method of Drinking Water "The Ministry of Environment"
Cl ⁻	mg/L		14	Test Method of Drinking Water "The Ministry of Environment"
Residue on Evaporation	mg/L		132	Test Method of Drinking Water "The Ministry of Environment"
Fe	mg/L		Not Detected	Test Method of Drinking Water "The Ministry of Environment"
Mn	mg/L		Not Detected	Test Method of Drinking Water "The Ministry of Environment"
Turbidity	NTU		0.22	Test Method of Drinking Water "The Ministry of Environment"
SO ₄ ²⁻	mg/L		11	Test Method of Drinking Water "The Ministry of Environment"
Al	mg/L		Not Detected	Test Method of Drinking Water "The Ministry of Environment"
Ca	mg/L		13.9	Standard Methods:2005
Mg	mg/L		14.6	Standard Methods:2005
Na	mg/L		7.35	Standard Methods:2005
K	mg/L		2.23	Standard Methods:2005
ORP	mV		-120	Standard Methods:2005

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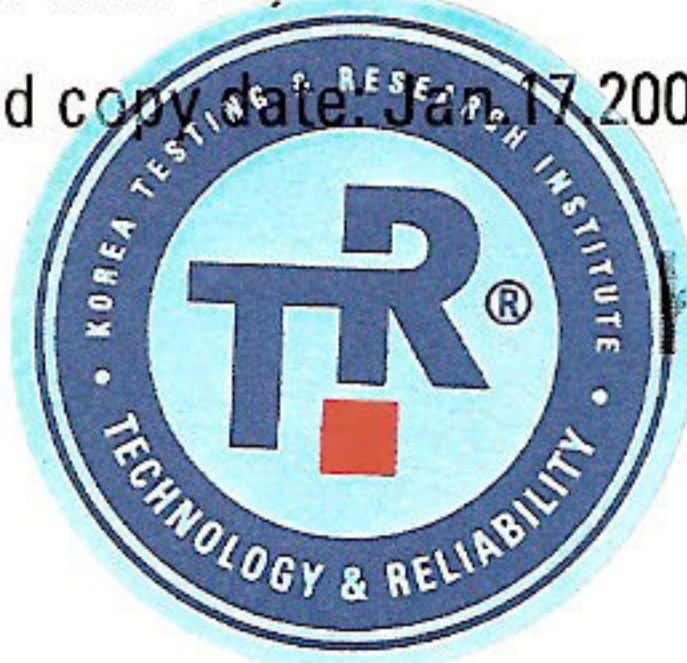
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TEST RESULTS

TEST ITEM	UNIT	SAMPLE	RESULT	TEST METHOD
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Test conditions

1. water : tap water
2. Temperature : 24 °C
3. Pressure : 0.20 MPa
4. Volume of passed water : 100 L

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.
 3. This test report includes the test result performed in accordance with the test method which is presented by client.

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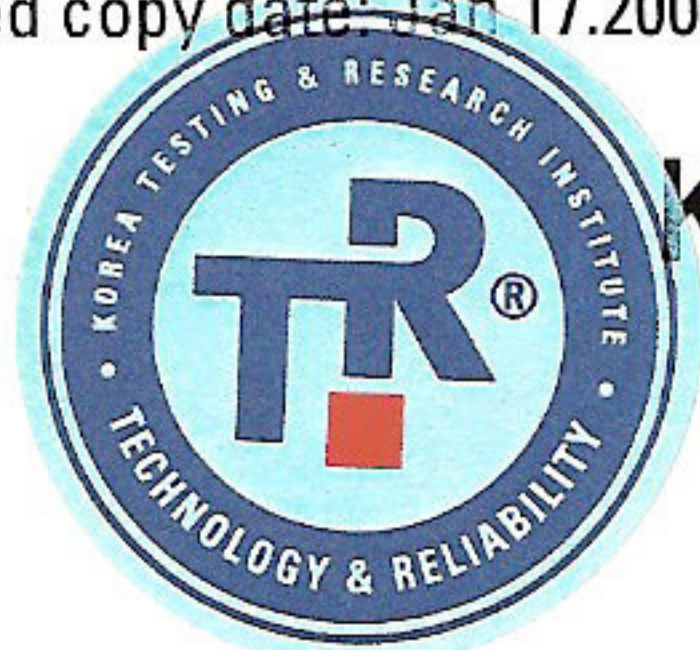
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