



South Asia

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Test Report No.DEL/F(C/M)/12/004707
Dated 08/12/2012

Issued to : **KENT RO SYSTEMS LTD.**
A-2, Sector 59, NOIDA – 201 309

Attention : Mr. Dinesh Garg

Customer Ref. No. : INVOICE No. 0SM 12001087, Dated 17/11/2012

Sample Particulars

Sample Name : RO Water Purifier (KENT Grand Plus Mineral RO Purifier)

Sample Description : Item Code. 1041

Batch No. / Lot No. & Manufacturing Date, Best before Date : KR121112295

Sample Package & Quantity : Trade pack & 1 No.

Sampled by : Collected by Representative of TUV SUD South Asia Pvt. Ltd.

Sampling Protocol : NA

Sample Condition : Sample received in ambient condition

Date of Sample Receipt : Received on 22/11/2012 11:56 am

Date of Analysis : 23/11/2012

Date of Completion : 08/12/2012

Note : The submitted water purifier is Collected by the Laboratory

Govind

Authorised By

Namrata

Govind Pandey
Key Account Manager

Namrata Gupta
Asst. Lab Manager -Food Testing

Note: The test report is electronically generated. Hence original signature is not required. For any technical query, please contact Dr. Sumant Nayak at sumant.nayak@tuv-sud.in and for any complaint please contact Rakhi Verma at Rakhi.Verma@tuv-sud.in.

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) For details of the accredited scope please contact the laboratory or visit www.nabl-india.org

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TUV®



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S. No.	TEST PARAMETER	TEST RESULTS		TEST METHOD
		INLET WATER	OUTLET WATER	
A	<i>TDS Reduction Claim</i>			
1	Total Dissolved Solids, mg/L	1990.0	166.0	IS:3025 (Part 16)-1984
B	<i>Chemical Inorganic Reduction Claim</i>			
1	Nitrate as NO ₃ , mg/L	47.50	2.92	IS:3025 (Part 34)-1988
2	Fluoride as F, mg/L	3.0	0.1	IS:3025 - 1964
3**	Arsenic as As, mg/L	0.03	BDL (DL-0.01 mg/L)	IS:3025 (Part 37)-1988
4**	Cadmium as Cd, mg/L	0.009	Not Detected (DL-0.003 mg/L)	IS:3025 (Part 41)-1992
5**	Copper as Cu, mg/L	0.15	BDL (DL-0.05 mg/L)	IS:3025 (Part 42)-1992
6**	Lead as Pb, mg/L	0.03	Not Detected (DL-0.01 mg/L)	IS:3025 (Part 47)-1994
7**	Mercury as Hg, mg/L	0.003	BDL (DL-0.001 mg/L)	IS:3025 (Part 48)-1994
8**	Chromium as Cr, mg/L	0.15	BDL (DL-0.05 mg/L)	IS:3025 (Part 52)-2003
C	<i>Pesticide Residues Reduction Claim</i>			
1**	Malathion, µg/L	570.0	Not Detected (DL-0.01 µg/L)	APHA, 21 st Edition
2**	Lindane, µg/L	6.0	Not Detected (DL-0.01 µg/L)	APHA, 21 st Edition
3**	Chlorpyrifos, µg/L	90.0	Not Detected (DL-0.01 µg/L)	APHA, 21 st Edition
4**	Sum of o,p DDT & p,p-DDT, µg/L	3.0	Not Detected (DL-0.01 µg/L)	APHA, 21 st Edition

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S. No.	TEST PARAMETER	TEST RESULTS		TEST METHOD
		INLET WATER	OUTLET WATER	
D	<i>Poly-aromatic Hydrocarbons Reduction Claim</i>			
1**	Naphthalene, µg/L	0.3	Not Detected (DL-0.01 µg/L)	APHA, 21 st Edition
2**	Acy-naphthalene, µg/L	0.3	Not Detected (DL-0.01 µg/L)	APHA, 21 st Edition
3**	Ace-naphthene, µg/L	0.3	Not Detected (DL-0.01 µg/L)	APHA, 21 st Edition
4**	Fluorene, µg/L	0.3	Not Detected (DL-0.01 µg/L)	APHA, 21 st Edition
5**	Phenanthrene, µg/L	0.3	Not Detected (DL-0.01 µg/L)	APHA, 21 st Edition
6**	Anthracene, µg/L	0.3	Not Detected (DL-0.01 µg/L)	APHA, 21 st Edition
7**	Fluoranthrene, µg/L	0.3	Not Detected (DL-0.01 µg/L)	APHA, 21 st Edition
8**	Pyrene, µg/L	0.3	Not Detected (DL-0.01 µg/L)	APHA, 21 st Edition
9**	Benz(a)anthracene, µg/L	0.3	Not Detected (DL-0.01 µg/L)	APHA, 21 st Edition
10**	Phrysene, µg/L	0.3	Not Detected (DL-0.01 µg/L)	APHA, 21 st Edition
11**	Benzo(p) fluoranthrene, µg/L	0.3	Not Detected (DL-0.01 µg/L)	APHA, 21 st Edition
12**	Benzo(k) fluoranthrene, µg/L	0.3	Not Detected (DL-0.01 µg/L)	APHA, 21 st Edition
13**	Benzo(a) pyrene, µg/L	0.3	Not Detected (DL-0.01 µg/L)	APHA, 21 st Edition
14**	Indo1,2,3 (c,d)pyrene, µg/L	0.3	Not Detected (DL-0.01 µg/L)	APHA, 21 st Edition
15**	Benzo(g,h,i)perylene, µg/L	0.3	Not Detected (DL-0.01 µg/L)	APHA, 21 st Edition
16**	Di-benz(a,h)anthracene, µg/L	0.3	Not Detected (DL-0.01 µg/L)	APHA, 21 st Edition



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S. No.	TEST PARAMETER	TEST RESULTS		TEST METHOD
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E	Microbial Contaminants Reduction Claim			
1	Coliform Count, MPN/100ml	>1600	<1.8 (Not Detected)	APHA - 9221
2	<i>E. coli</i> , cfu/ml	5.5x10 ⁶	<1 (Not Detected)	IS:5402 - 2012
3	Faecal Streptococci, in 250ml	Detected	Not Detected	IS:15186 - 2002
4	<i>Staphylococcus aureus</i> , in 250ml	Detected	Not Detected	IS:5887(Part 2)-1976 (Reaffirmed 2005)
5	<i>Pseudomonas aeruginosa</i> , in 250ml	Detected	Not Detected	IS:13428-2005
6	Yeast Mould, in 250ml	Detected	Not Detected	IS:5403-1999 (Reaffirmed 2005)
7	<i>Salmonella</i> , in 250ml	Detected	Not Detected	IS:5887 (Part 3)-1999 (Reaffirmed 2005)
8	<i>Shigella</i> , in 250ml	Detected	Not Detected	IS:5887 (Part 7)-1999 (Reaffirmed 2005)
9	<i>Vibrio cholerae</i> , in 250ml	Detected	Not Detected	IS:5887 (Part 5)-1976 (Reaffirmed 2005)

Note: The ** marked tests are subcontracted to other NABL accredited TUV Lab.; BDL- Below Detection limit.

The outlet water used for analysis was prepared by passing inlet demineralised water (spiked with above chemical & microbial agents beyond permissible limits) through submitted water purifier sample.

Remarks: The outlet water of submitted Kent Grand Plus Mineral RO Water Purifier complies with the requirement of IS: 10500-2012 for Drinking water with respect to above test parameters only

Authorized By

Chemical

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Microbiology

- END OF TEST REPORT-