



South Asia

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**Test Report No.DEL/F(C/M)/13/000895 PART-1  
Dated 15/03/2013**

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

**Attention** : Mr. Dinesh Garg

**Customer Ref. No.** : NA

**Sample Particulars**

**Sample Name** : RO Water Purifier (Kent Supreme)

**Sample Description** : NA

**Batch No. / Lot No. & Manufacturing Date, Best before Date** : S/N- KR130303481

**Sample Package & Quantity** : Tradepack & 1 No.

**Sampled by** : Customer

**Sampling Protocol** : NA

**Sample Condition** : Sample received in good condition

**Date of Sample Receipt** : Received on 06/03/2013 4:57 pm

**Date of Analysis** : 07/03/2013

**Date of Completion** : 15/03/2013

*Note: The submitted sample is not Drawn by the Laboratory*

Remarks: The remaining parameter will be reported in DEL/F(C/M)/13/000895 PART-2.

Authorised By

Deepak Arora  
Key Account Manager

Pankaj Jaiminy  
Asst. Vice President

**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 Laboratory: (4) For details of the accredited scope please contact the laboratory or visit [www.nabl-india.org](http://www.nabl-india.org)

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S. No.	TEST PARAMETER	TEST RESULTS		TEST METHOD
		INLET WATER	OUTLET WATER	
<b>A</b>	<b><i>TDS Reduction Claim</i></b>			
1**	Total Dissolved Solids, mg/L	1938.0	163.0	IS:3025 (Part 16)-1984
<b>B</b>	<b><i>Chemical Inorganic Reduction Claim</i></b>			
1**	Nitrate as NO <sub>3</sub> , mg/L	53.84	6.2	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	Below Detection limit (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	Below Detection limit (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	Not Detected (DL-0.001 mg/L)	IS:3025 (Part 48)-1994
8**	Chromium as Cr, mg/L	0.15	Below Detection limit (DL-0.05 mg/L)	IS:3025 (Part 52)-2003
<b>C</b>	<b><i>Pesticide Residues Reduction Claim</i></b>			
1**	Malathion, µg/L	180.0	Not Detected (LOQ-0.01 µg/L)	APHA, 21 <sup>st</sup> Edition
2**	Lindane, µg/L	2.0	Not Detected (LOQ-0.01 µg/L)	APHA, 21 <sup>st</sup> Edition
3**	Chlorpyrifos, µg/L	30.0	Not Detected (LOQ-0.01 µg/L)	APHA, 21 <sup>st</sup> Edition
4**	Sum of o,p DDT & p,p-DDT, µg/L	1.0	Not Detected (LOQ-0.01 µg/L)	APHA, 21 <sup>st</sup> Edition

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



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S. No.	TEST PARAMETER	TEST RESULTS		TEST METHOD
		INLET WATER	OUTLET WATER	
<b>E</b>	<b>Microbial Contaminants Reduction Claim</b>			
1	Coliform Count, MPN/100ml	>1600	<1.8	APHA - 9221
2	<i>E. coli</i> , cfu/ml	2.9 x10 <sup>5</sup>	<1	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 TUV SUD Lab.; BDL- Below Detection limit., LOQ – Limit of Quantification.

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 Supreme Mineral RO Water Purifier complies with the requirement of IS: 10500-2012 for Drinking water with respect to above test parameters only.

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- END OF TEST REPORT-