

PURE-TECH (HOLDINGS) LTD
 UNIT A - B, 10/F., DRAGON CTR., 79 WING HONG ST., CHEUNG SHA WAN, KOWLOON

Job No. : 1502167

Report on laboratory testing on Heavy Metals (i.e. Lead, Cadmium and Copper) Removal Performance for Water Softener - "SoftOne Series".

1. Sample Identification and Test Requested

Sample No. Assigned by SGS	Sample Label	Test Requested
W1007276	"SoftOne Series" - Before	Lead, Cadmium & Copper
W1007277	"SoftOne Series" - After	

Evaluation : Conducted by SGS
 Testing Date : 12 - 21 July 2010

2. Sampling and Analysis Methodology / 3. Results

Please refer to the following page(s)

Signed for and on behalf of
 SGS Hong Kong Ltd.



FREDA LAI
 SENIOR CHEMIST

2. Sampling and Analysis Methodology

A tank of known concentration of Heavy Metals Standard Solution (with ~0.5 mg/L of Lead, ~0.5 mg/L of Cadmium and ~0.5 mg/L of Copper) was prepared as reservoir with a water pump connecting to the product sample at ambient water temperature. After 2 minutes running of water, water samples from both inlet and outlet of the Water Softener - "SoftOne Series" were collected for Heavy Metals analysis on the basis of APHA 20th ed. 3030 E & 3120.

APHA American Public Health Association, American Water Works Association and Water Environment Federation, Standard Methods for the Examination of Water and Waste Water, APHA-AWWA-WEF, USA.

- * The analysis was performed by an outside laboratory assessed as competent.

3. Results

(i) Lead Removal Performance for Water Softener - "SoftOne Series"

Parameter	W1007276 Before	W1007277 After	Practical Quantitation Limit
Lead* (mg/L)	0.52	0.002	0.001
Removal Efficiency	99.6%		

(ii) Cadmium Removal Performance for Water Softener - "SoftOne Series"

Parameter	W1007276 Before	W1007277 After	Practical Quantitation Limit
Cadmium* (mg/L)	0.52	< 0.0002	0.0002
Removal Efficiency	> 99.9%		

(iii) Copper Removal Performance for Water Softener - "SoftOne Series"

Parameter	W1007276 Before	W1007277 After	Practical Quantitation Limit
Copper* (mg/L)	0.51	0.002	0.001
Removal Efficiency	99.6%		

*** End of Report ***

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Job No. : 1502167

Report on laboratory testing on Total Hardness Removal Performance for Water Softener - "SoftOne Series".

1. Sample Identification and Test Requested

Sample No. Assigned by SGS	Sample Label	Test Requested
W1007338	"SoftOne Series" - Before	Total Hardness
W1007339	"SoftOne Series" - After	

Evaluation : Conducted by SGS
 Testing Date : 13 - 21 July 2010

2. Sampling and Analysis Methodology / 3. Results

Please refer to the following page(s)

Signed for and on behalf of
 SGS Hong Kong Ltd.



FREDA LAI
 SENIOR CHEMIST

2. Sampling and Analysis Methodology

A tank of ~200 mg/L of Total Hardness Standard Solution was prepared as reservoir with a water pump connecting to the product sample at ambient water temperature. After 2 minutes running of water, water samples from both inlet and outlet of the Water Softener - "SoftOne Series" were collected for Total Hardness analysis on the basis of APHA 20th ed. 2340 C.

APHA American Public Health Association, American Water Works Association and Water Environment Federation, Standard Methods for the Examination of Water and Waste Water, APHA-AWWA-WEF, USA.

3. Results

Parameter	W1007338 Before	W1007339 After	Practical Quantitation Limit
Total Hardness (mg/L)	200	< 2	2
Removal Efficiency	> 99%		

*** End of Report ***