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Certificate of Translation

I, Kiyomi Tabuki do hereby solemnly and sincerely declare;

1. that I am well acquainted with the Japanese and English languages and;
2. that the document attached is a true and faithful translation of *the Analysis Report* which was issued in *Japanese language* by *Japan Food Research Laboratories (JFRL)*.

I make this declaration conscientiously believing it to be true and knowing it is of the same force and effect as if made under Oath.

Date: December 14, 2008

Translator's Signature:

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1. PERFORMANCE TEST

(WATER PURIFIER TYPE TESTING)

I hereby confirm the completeness and accuracy of the above translation.


Kiyomi Tabuki, Chief Translator

Free Residual Chlorine Filtering Performance Test

1. CLIENT

KENRICO LTD

2. DEVICE UNDER TEST

Model L-130

3. OBJECTIVE OF TEST

Testing the device under test for its free residual chlorine filtering performance in accordance with JIS S 3201:2004 Testing methods for household water purifiers.

4. OUTLINE OF TEST

In accordance with JIS S 3201:2004 Testing methods for household water purifiers, continuous flow water purifier, sample water was prepared, with free residual chlorine concentration at 2.0 ± 0.2 mg/L and water temperature at 20 ± 3 °C. A total of 120,000L of the sample water was flown through the device under test at the filter flow rate of 5L/min. The filtered and sample water were taken at intervals for free residual chlorine measurements. The removal rate was calculated from the measurements of filtered and sample water.

When the concentration of the filtered water was at or below the detection limit, the detection limit was used for the calculation.

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5. TEST RESULTS

Results are shown in Table 1.

The water temperature at the time of filtration was 20 to 23 °C (average 21°C).

Table 1 Free Residual Chlorine Filtering Performance Test Results

Filtration Quantity(L)	Free Residual Chlorine (mg/L)		Removal Rate (%)
	Filtered Water	Sample Water	
Start of Filtration	None Detected	1.9	98 or higher
5,630	0.02	2.0	99.0
15,360	None Detected	1.9	98 or higher
28,750	0.02	2.1	99.0
40,000	None Detected	1.9	98 or higher
59,370	None Detected	1.9	98 or higher
87,560	None Detected	2.1	99 or higher
108,400	0.02	2.0	99.0
120,000	None Detected	2.0	99 or higher

Detection Limit: 0.02mg/L


6. TESTING METHODS

Free residual chlorine was measured with DPD absorption spectroscopy.

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5. TRIHALOMETHANE
REMOVAL PERFORMANCE TEST

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Water Quality Standard Test of Water Supply Law on Filtered Water

1. CLIENT

KENRICO LTD

2. DEVICE UNDER TEST

3. OUTLINE OF TEST

The device under test was attached to a water tap, through which tap water (Tama, Tokyo) was flown at the flow rate of 5L/min. After 10 minutes of filtration, 8L of filtered water was taken and tested for 50 items stipulated in the Ministerial Ordinance on Water Quality Standards (MHLW Ministerial Ordinance No. 101 of 2003).

4. TEST RESULTS

Results are shown in Table 1.

The filtered water was compliant with the water quality standard of the Water Supply Law.

The water temperature at the time of filtration was 8°C.

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Table 1-1 Water Quality Standard Test of Water Supply Law on Filtered Water Results

Analytical Test Item	Standard	Results	DL
General Bacteria	No. of Colonies 100/mL or less	30/mL or less	—
E. Coli	Not detected	None Detected	—
Cadmium and Cadmium Compounds	0.01 mg/L or less	None Detected	0.001 mg/L
Mercury and Mercury Compounds	0.0005 mg/L or less	None Detected	0.0001 mg/L
Selenium and Selenium Compounds	0.01 mg/L or less	None Detected	0.001 mg/L
Lead and Lead Compounds	0.01 mg/L or less	None Detected	0.001 mg/L
Arsenic and Arsenic Compounds	0.01 mg/L or less	None Detected	0.001 mg/L
Hexavalent Chromium Compounds	0.05 mg/L or less	None Detected	0.005 mg/L
Cyanide Ion and Cyanogen Chloride	0.01 mg/L or less	None Detected	0.001 mg/L
Nitrate Nitrogen and Nitrite Nitrogen	10 mg/L or less	0.6 mg/L	—
Fluorine and Fluorine Compounds	0.8 mg/L or less	None Detected	0.10 mg/L
Boron and Boron Compounds	1.0 mg/L or less	None Detected	0.1 mg/L
Carbon Tetrachloride	0.002 mg/L or less	None Detected	0.0002 mg/L
1,4-Dioxane	0.05 mg/L or less	None Detected	0.005 mg/L
1,1-Dichloroethylene	0.02 mg/L or less	None Detected	0.001 mg/L
Cis-1,2-Dichloroethylene	0.04 mg/L or less	None Detected	0.001 mg/L
Dichloromethane	0.02 mg/L or less	None Detected	0.001 mg/L
Tetrachloroethylene	0.01 mg/L or less	None Detected	0.001 mg/L
Trichloroethylene	0.03 mg/L or less	None Detected	0.001 mg/L
Benzene	0.01 mg/L or less	None Detected	0.001 mg/L
Chloroacetic acid	0.02 mg/L or less	None Detected	0.01 mg/L
Chloroform	0.06 mg/L or less	None Detected	0.001 mg/L
Dichloroacetic acid	0.04 mg/L or less	None Detected	0.004 mg/L
Dibromochloromethane	0.1 mg/L or less	None Detected	0.001 mg/L
Bromic acid	0.01 mg/L or less	None Detected	0.001 mg/L
Total Trihalomethane	0.1 mg/L or less	None Detected	0.001 mg/L

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Table 1-2 Water Quality Standard Test of Water Supply Law on Filtered Water Results

Analytical Test Item	Standard	Results	DL
Trichloroacetic acid	0.2 mg/L or less	None Detected	0.02 mg/L
Bromodichloromethane	0.03 mg/L or less	None Detected	0.001 mg/L
Bromoform	0.09 mg/L or less	None Detected	0.001 mg/L
Formaldehyde	0.08 mg/L or less	0.001 mg/L	—
Zinc and Zinc Compounds	1.0 mg/L or less	None Detected	0.005 mg/L
Aluminium and Aluminium Compounds	0.2 mg/L or less	None Detected	0.02 mg/L
Iron and Iron Compounds	0.3 mg/L or less	None Detected	0.03 mg/L
Copper and Copper Compounds	1.0 mg/L or less	None Detected	0.01 mg/L
Sodium and Sodium Compounds	200 mg/L or less	12 mg/L	—
Manganese and Manganese Compounds	0.05 mg/L or less	None Detected	0.005 mg/L
chlorine ion	200 mg/L or less	14 mg/L	—
Calcium, Magnesium, etc. (hardness)	300 mg/L or less	60 mg/L	—
Evaporation Residue	500 mg/L or less	110 mg/L	—
Anionic Surfactant	0.2 mg/L or less	None Detected	0.02 mg/L
Geosmin	0.00001 mg/L or less	None Detected	0.000002 mg/L
2-Methylisoborneol	0.00001 mg/L or less	None Detected	0.000002 mg/L
Nonionic Surfactant	0.02 mg/L or less	None Detected	0.005 mg/L
Phenols	0.005 mg/L or less	None Detected	0.005 mg/L
Organic Substances (Total Organic Carbon)	5 mg/L or less	None Detected	0.3 mg/L
pH	Between 5.8 and 8.6	8.1 (17°C)	—
Taste	No abnormality	Not abnormal	—
Odour	No abnormality	Not abnormal	—
Colour	5 or less	1 or less	—
Turbidity	2 or less	1 or less	—

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