

## 2. Sampling and Analysis Methodology

The product was drained before testing. The product was located in a meeting room and was allowed to collect water by condensing the water vapour in the air. After 24 hrs, the product was drained dry again and water was collected for another 24 hrs. Water sample was collected after filtering by the product.

## 3. Results

Parameter	Reference Method	W0610134	WHO Recommended Acceptable Limit <sup>a</sup>
E. coli (/100ml)	DoE (1994) Section 7.5 & 7.7	Negative	Negative
Total Coliform (/100ml)	DoE (1994) Section 7.5 & 7.7	Negative	Negative
Cadmium (mg/L)	APHA 20 <sup>th</sup> ed. 3030 E and 3120	< 0.0002	≤ 0.003
Chromium (mg/L)	APHA 20 <sup>th</sup> ed. 3030 E and 3120	< 0.001	≤ 0.05
Copper (mg/L)	APHA 20 <sup>th</sup> ed. 3030 E and 3120	0.002	≤ 2
Lead (mg/L)	APHA 20 <sup>th</sup> ed. 3030 E and 3120	< 0.001	≤ 0.01
Manganese (mg/L)	APHA 20 <sup>th</sup> ed. 3030 E and 3120	0.002	≤ 0.5
Mercury (mg/L)	APHA 20 <sup>th</sup> ed. 3112 B (Modified)	< 0.0005	≤ 0.001
Molybdenum (mg/L)	APHA 20 <sup>th</sup> ed. 3030 E and 3120	< 0.0001	≤ 0.07
Nickel (mg/L)	APHA 20 <sup>th</sup> ed. 3030 E and 3120	< 0.0001	≤ 0.02
Nitrate (mg/L)	In house method FIANO <sub>3</sub>	< 0.1	≤ 50
Nitrite (mg/L)	In house method FIANO <sub>2</sub>	< 0.1	≤ 3
Selenium (mg/L)	APHA 20 <sup>th</sup> ed. 3030 E and 3120	< 0.01	≤ 0.01
Aluminum (mg/L)	APHA 20 <sup>th</sup> ed. 3030 E and 3120	0.05	≤ 0.2
Total Iron (mg/L)	APHA 20 <sup>th</sup> ed. 3030 E and 3120	< 0.05	≤ 0.3
pH Value	APHA 20 <sup>th</sup> ed. 4500- H <sup>+</sup> B	7.0 at 20 °C	6.5 - 8.5
Sodium (mg/L)	APHA 20 <sup>th</sup> ed. 3030 E and 3120	1.14	≤ 200
Zinc (mg/L)	APHA 20 <sup>th</sup> ed. 3030 E and 3120	< 0.01	≤ 3
Sulfate (mg/L)	APHA 20 <sup>th</sup> ed. 4600- SO42- E	1.5	≤ 250

- APHA - American Public Health Association, American Water Works Association and Water Environment Federation, Standard Methods for the Examination of Water and Wastewater, APHA-AWWA-WEF, USA.
- DoE - Department of the Environment (1994). The Microbiology of Water Part I, Drinking Water, U.K. Section 7.5 & 7.7
- Guidelines for Drinking-Water by World Health Organization (WHO), 1996.

\*\*\* End of Report \*\*\*