

Water Quality Tests Results (Mizuki)

| No. | Items | Mizuki | | | | | Unit |
|-----|---|-----------|--|--|--|--|-------------|
| | | 24/4/2019 | | | | | |
| | Water temperature | 13.0 | | | | | (°C) |
| 1 | Common Bacteria | 0 | | | | | (number/mL) |
| 2 | E.coli | N.D. ※1 | | | | | (MPN/100mL) |
| 3 | Cadmium | | | | | | (mg/L) |
| 4 | Mercury | | | | | | (mg/L) |
| 5 | Selenium | | | | | | (mg/L) |
| 6 | Lead | | | | | | (mg/L) |
| 7 | Arsenic | | | | | | (mg/L) |
| 8 | Chromium (VI) | < 0.005 | | | | | (mg/L) |
| 9 | Nitrite nitrogen | < 0.004 | | | | | (mg/L) |
| 10 | Cyanide ion and Cyanogens chloride | | | | | | (mg/L) |
| 11 | Nitrate and Nitrite | 0.3 | | | | | (mg/L) |
| 12 | Fluoride | < 0.08 | | | | | (mg/L) |
| 13 | Boron | | | | | | (mg/L) |
| 14 | Carbon tetrachloride | | | | | | (mg/L) |
| 15 | 1, 4-dioxane | | | | | | (mg/L) |
| 16 | cis-1,2-Dichloroethylene and trans-1,2-Dichloroethylene | | | | | | (mg/L) |
| 17 | Dichloromethane | | | | | | (mg/L) |
| 18 | Tetrachloroethylene | | | | | | (mg/L) |
| 19 | Trichloroethylene | | | | | | (mg/L) |
| 20 | Benzene | | | | | | (mg/L) |
| 21 | Chlorate | < 0.06 | | | | | (mg/L) |
| 22 | Chloroacetic acid | | | | | | (mg/L) |
| 23 | Chloroform | | | | | | (mg/L) |
| 24 | Dichloroacetic acid | | | | | | (mg/L) |
| 25 | Dibromochloromethane | | | | | | (mg/L) |
| 26 | Bromate | | | | | | (mg/L) |
| 27 | Total trihalomethanes | | | | | | (mg/L) |
| 28 | Trichloroacetic acid | | | | | | (mg/L) |
| 29 | Bromodichloromethane | | | | | | (mg/L) |
| 30 | Bromoform | | | | | | (mg/L) |
| 31 | Formaldehyde | | | | | | (mg/L) |
| 32 | Zinc | | | | | | (mg/L) |
| 33 | Aluminium | 0.02 | | | | | (mg/L) |
| 34 | Iron | < 0.03 | | | | | (mg/L) |
| 35 | Copper | < 0.01 | | | | | (mg/L) |
| 36 | Sodium | 4.6 | | | | | (mg/L) |
| 37 | Manganese | < 0.001 | | | | | (mg/L) |
| 38 | Chloride ion | 5.1 | | | | | (mg/L) |
| 39 | Calcium, Magnesium (Hardness) | 26 | | | | | (mg/L) |
| 40 | Total residue | 50 | | | | | (mg/L) |
| 41 | Anionic surface active agent | | | | | | (mg/L) |
| 42 | Geosmin | | | | | | (mg/L) |
| 43 | 2-Methylisobolneol | | | | | | (mg/L) |
| 44 | Nonionic surface active agent | | | | | | (mg/L) |
| 45 | Phenols | | | | | | (mg/L) |
| 46 | Organic substances (Total Organic Carbon) | 0.3 | | | | | (mg/L) |
| 47 | pH Value | 7.6 | | | | | |
| 48 | Taste | None | | | | | |
| 49 | Odor | None | | | | | |
| 50 | Color | < 0.5 | | | | | (degree) |
| 51 | Turbidity | < 0.1 | | | | | (degree) |
| | Free residual chlorine ※2 | 0.34 | | | | | (mg/L) |

※1 N.D. = Not detected

※2 Necessary sanitation measures: Free residual chlorine \geq 0.1 mg/L

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