

Käyttötarkkailu Kaupinojan vedenpuhdistuslaitoksella 2023

| | | Raakavesi | | | | Käsitelty vesi | | | |
|--------------------------|-----------|-----------|----------------------|---------|---------|----------------|----------------------|------|-------|
| | | kpl | ka | max | min | kpl | ka | max | min |
| Lämpötila | °C | 50 | 7.1 | 13.2 | 2.7 | 232 | 6.9 | 12.7 | 1 |
| pH-luku | | 49 | 6.9 | 7.15 | 6.53 | 232 | 7.8 | 8.25 | 7.41 |
| Sameus | NTU | 49 | 0.51 | 0.88 | 0.32 | 232 | 0.11 | 0.19 | 0.07 |
| Alkaliteetti | mmol/l | 49 | 0.21 | 0.37 | 0.19 | 232 | 0.71 | 0.92 | 0.57 |
| Org. kokonaishiili | mg/l | 49 | 9.70 | 11 | 9.1 | 232 | 2.09 | 2.7 | 0.95 |
| DOC | | 6 | 9.81 | 10 | 9.7 | 6 | 2.20 | 2.5 | 1.7 |
| Rauta, Fe | mg/l | 49 | 0.11 | 0.12 | 0.09 | 232 | <0.02 | 0.03 | <0.02 |
| Mangaani, Mn | mg/l | 12 | 0.01 | 0.01 | <0.01 | 49 | <0.01 | 0.01 | <0.01 |
| Sähkönjohtavuus 25 °C | mS/m | 49 | 4.6 | 4.8 | 4.5 | 49 | 17 | 19 | 15 |
| Väri | mgPt/l | 49 | 38 | 43 | 35 | 49 | <2.5 | <2.5 | <2.5 |
| Vapaa kloori | mg/l | | | | | 232 | 0.37 | 0.49 | 0.26 |
| Kokonaiskloori | mg/l | | | | | 232 | 0.45 | 0.56 | 0.36 |
| Kokonaiskovuus | °dH | 49 | 0.8 | 0.91 | 0.53 | 49 | 3.8 | 4.5 | 3.4 |
| Kokonaiskovuus | mmol/l | 49 | 0.14 | 0.16 | 0.09 | 49 | 0.68 | 0.8 | 0.61 |
| Bikarbonaatti | mg/l | 6 | 12 | 13 | 12 | 6 | 43 | 49 | 38 |
| Kalsium, Ca | mg/l | 3 | 3.8 | 3.9 | 3.7 | 5 | 26.0 | 28 | 25 |
| Magnesium, Mg | mg/l | 3 | 1.2 | 1.3 | 1.2 | 3 | 1.4 | 1.4 | 1.3 |
| Alumiini, Al | mg/l | 6 | 0.06 | 0.06 | 0.05 | 6 | 0.03 | 0.04 | <0.02 |
| Kalium, K | mg/l | 3 | 1.0 | 1.1 | 1 | 3 | 1.0 | 1.1 | 1 |
| Natrium, Na | mg/l | 3 | 2.6 | 2.7 | 2.6 | 3 | 3.7 | 4.0 | 3.5 |
| Kloridi | mg/l | 6 | 2.7 | 2.8 | 2.6 | 6 | 4.8 | 5.3 | 4.5 |
| Fluoridi | mg/l | 6 | 0.1 | 0.1 | 0.09 | 6 | 0.09 | 0.1 | 0.08 |
| Sulfaatti | mg/l | 6 | 4.4 | 5.0 | 4.0 | 6 | 34 | 36 | 32 |
| Silikaatti, SiO2 | mg/l | | | | | 2 | 3.4 | 3.4 | 3.4 |
| Happi | mg/l | 6 | 11.6 | 12.9 | 9.13 | 6 | 13 | 14.4 | 10.4 |
| Hiilidioksidi | mg/l | 6 | 3.3 | 4.5 | 2.2 | 6 | 1.4 | 2.3 | <1 |
| Kokonaistyyppi, N | µg/l | 6 | 720 | 720 | 710 | 3 | 277 | 320 | 230 |
| Nitraatti | mg/l | 6 | 0.85 | 0.89 | 0.78 | 6 | 0.8 | 1 | 0.72 |
| Nitriitti | µg/l | 6 | 4 | 7 | <3 | 7 | <3 | <7 | <3 |
| Ammonium | µg/l | 6 | 9 | 21 | 3.5 | 6 | 1.7 | 1.9 | 1.3 |
| Kokonaifosfori | µg/l | 6 | 7 | 8 | 7.15 | 6 | <2 | <2 | <2 |
| Fosfaattifosfori, PO4-P | µg/l | 6 | <2 | <2 | <2 | 6 | <2 | <2 | <2 |
| Haju | | 48 | ei epätav. muutoksia | | | 45 | ei epätav. muutoksia | | |
| Maku | | | | | | 45 | ei epätav. muutoksia | | |
| Koliformiset bakteerit | pmy/100ml | 49 | 3.1 | 14 | 0 | 232 | 0.0 | 0.0 | 0.0 |
| Pesäkeluku 22°C 3d | pmy/ml | 49 | 51 | 168 | 15 | 46 | 0 | 1 | 0 |
| Pesäkeluku 37°C 2d | pmy/ml | 49 | 2 | 10 | 0 | 232 | 0 | 2 | 0 |
| Enterokokit | pmy/100ml | 6 | 1 | 2 | 0 | 6 | 0 | 0 | 0 |
| Fek. kol. bakteerit 44°C | pmy/100ml | 6 | 1 | 3 | 0 | | | | |
| Hiivat 25° C | CFU/100ml | 5 | 1 | 5 | 0 | 5 | 0 | 0 | 0 |
| Homeet 25° C | CFU/100ml | 5 | 115 | 150 | 62 | 5 | 1 | 3 | 0 |
| Arseeni, As | µg/l | 2 | 0.4 | 0.4 | 0.4 | | | | |
| Antimoni, Sb | µg/l | 2 | < 0.3 | < 0.3 | < 0.3 | | | | |
| Barium ,Ba | µg/l | 2 | 8.1 | 8.1 | 8.0 | | | | |
| Kadmium, Cd | µg/l | 2 | < 0.08 | < 0.08 | < 0.08 | | | | |
| Kromi, Cr | µg/l | 2 | < 2 | < 2 | < 2 | | | | |
| Kupari, Cu | µg/l | 2 | 30 | 54 | < 5 | | | | |
| Elohopea, Hg | µg/l | 2 | < 0.005 | < 0.005 | < 0.005 | | | | |
| Lyijy, Pb | µg/l | 2 | 0.22 | 0.33 | < 0.1 | | | | |
| Seleeni, Se | µg/l | 2 | < 0.2 | < 0.2 | < 0.2 | | | | |
| Sinkki, Zn | µg/l | 2 | 6.8 | 8.5 | < 5 | | | | |
| Klorofylli-a | µg/l | 6 | 1.4 | 2.12 | 0.8 | | | | |
| Syanobakteerit | solua/ml | 18 | <500/ml | | | | | | |
| Torjunta-aineet | µg/l | 2 | <0.1/0.5 | | | | | | |