User: Eric Johnson
Analysis ID: 35913

Tank ID: 18138

Date: 22.02.2019

| Measurement | Value | Nominal value |
|---|---|---|
| Carbonate hardness: | 8.66 °dKH | 7.5 °dKH |
| Salinity: | 32.99 PSU | 35 PSU |

| Base elements | Value | Ideal value | Difference | Status |
|---|---|---|---|---|
| Salinity (NaCl) | 32.99 PSU | 35.00 PSU | -2.01 PSU | ✓ |
| Carbonate hardness | 8.66 °dKH | 7.50 °dKH | +1.16 °dKH | ✓ |

| Major elements | Value | Ideal value | Difference | Status |
|---|---|---|---|---|
| Chloride | 18803 mg/l | 18660 mg/l | +142.6 mg/l | ✓ |
| Sodium | 10288 mg/l | 10367 mg/l | -78.90 mg/l | ✓ |
| Magnesium | 1378 mg/l | 1239 mg/l | +138.7 mg/l | ✓ |
| Sulfur | 969.4 mg/l | 867.0 mg/l | +102.3 mg/l | ↗ |
| Calcium | 481.7 mg/l | 396.8 mg/l | +84.93 mg/l | ↗ |
| Potassium | 396.5 mg/l | 384.5 mg/l | +11.98 mg/l | ✓ |
| Bromine | 75.79 mg/l | 63.14 mg/l | +12.65 mg/l | ✓ |
| Strontium | 10.44 mg/l | 7.54 mg/l | +2.90 mg/l | ↗ |
| Boron | 4.59 mg/l | 4.15 mg/l | +0.44 mg/l | ✓ |
| Fluorine | 1.37 mg/l | 1.23 mg/l | +0.14 mg/l | ✓ |

| Minor elements | Value | Ideal value | Difference | Status |
|---|---|---|---|---|
| Lithium | 336.3 µg/l | 160.2 µg/l | +176.1 µg/l | ✓ |
| Silicon | 67.12 µg/l | 94.24 µg/l | -27.12 µg/l | ✓ |
| Iodine | 32.54 µg/l | 61.26 µg/l | -28.72 µg/l | ↗ |
| Barium | 1.22 µg/l | 9.42 µg/l | -8.20 µg/l | ↓ |

| | | | | |
|---|---|---|---|---|
| Molybdenum | 9.22 µg/l | 11.31 µg/l | -2.09 µg/l | ✓ |
| Nickel | n.u | 0.47 µg/l | | ✓ |
| Manganese | n.u | 0.94 µg/l | | ↗ |
| Arsenic | n.u | 1.41 µg/l | | ✓ |
| Beryllium | n.u | 0.09 µg/l | | ✓ |
| Chrome | n.u | 0.47 µg/l | | ✓ |
| Cobalt | n.u | 0.09 µg/l | | ✓ |
| Iron | 3.61 µg/l | 0.47 µg/l | +3.14 µg/l | ✓ |
| Copper | n.u | 0.47 µg/l | | ✓ |
| Selenium | n.u | 0.47 µg/l | | ✓ |
| Silver | n.u | 0.09 µg/l | | ✓ |
| Vanadium | n.u | 1.41 µg/l | | ↗ |
| Zinc | n.u | 1.88 µg/l | | ✓ |
| Tin | 1.17 µg/l | 0.47 µg/l | +0.70 µg/l | ✓ |

| Nutrients | Value | Ideal value | Difference | Status |
|---|---|---|---|---|
| Nitrate | 5.30 mg/l | 2.00 mg/l | +3.30 mg/l | ✓ |
| Phosphorus | 2.15 µg/l | 14.14 µg/l | -11.99 µg/l | ↓ |
| Phosphate | n.u | 0.04 mg/l | | ↓ |

| Pollutants | Value | Ideal value | Difference | Status |
|---|---|---|---|---|
| Aluminium | 26.64 µg/l | 0.09 µg/l | +26.55 µg/l | ✓ |
| Antimony | n.u | 0.09 µg/l | | ✓ |
| Bismuth | n.u | 0.09 µg/l | | ✓ |

| | | | |
|---|---|---|---|
| Lead | n.u | 0.09 µg/l | ✔ |
| Cadmium | n.u | 0.19 µg/l | ✔ |
| Lanthanum | n.u | n.u µg/l | ✔ |
| Thallium | n.u | 0.09 µg/l | ✔ |
| Titanium | n.u | 0.09 µg/l | ✔ |
| Tungsten | n.u | n.u µg/l | ✔ |
| Mercury | n.u | n.u µg/l | ✔ |

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**Recommendations:**

| Supplement | Priority | Action | Daily dosis | Unit | Days |
|---|---|---|---|---|---|
| Vanadium | Recommended | Dosage | 2,60 | ml | 2 |
| Mangan | Recommended | Dosage | 3,40 | ml | 1 |
| Iod | Important | Dosage | 1,00 | ml | 2 |
| Barium | Recommended | Dosage | 29,80 | ml | 2 |

**ATI RECOMMENDES** **Phosphorus is limited, remove GFO (if in use), add phosphorus!**