



User: Josh Cole
Analysis ID: 70823

Tank ID: 30935

Date: 18.03.2020

| Measurement | Value | Nominal value |
|---------------------|-----------|---------------|
| Carbonate hardness: | 8.37 °dKH | 7.5 °dKH |

Salinity: 36.66 PSU 35 PSU

| Base elements | Value | Ideal value | Difference | Status |
|--------------------|-----------|-------------|------------|--------|
| Salinity (NaCl) | 36.66 PSU | 35.00 PSU | +1.66 PSU | ✓ |
| Carbonate hardness | 8.37 °dKH | 7.50 °dKH | +0.87 °dKH | ✓ |

| Major elements | Value | Ideal value | Difference | Status |
|----------------|------------|-------------|-------------|--------|
| Chloride | 20774 mg/l | 20736 mg/l | +37.60 mg/l | ✓ |
| Sodium | 11499 mg/l | 11520 mg/l | -21.20 mg/l | ✓ |
| Magnesium | 1446 mg/l | 1377 mg/l | +68.81 mg/l | ✓ |
| Sulfur | 1107 mg/l | 963.5 mg/l | +143.5 mg/l | ✗ |
| Calcium | 504.6 mg/l | 440.9 mg/l | +63.69 mg/l | ✗ |
| Potassium | 418.1 mg/l | 427.3 mg/l | -9.20 mg/l | ✓ |
| Bromine | 102.5 mg/l | 70.17 mg/l | +32.33 mg/l | ✗ |
| Strontium | 8.77 mg/l | 8.38 mg/l | +0.39 mg/l | ✓ |
| Boron | 5.35 mg/l | 4.61 mg/l | +0.74 mg/l | ✓ |
| Fluorine | 0.55 mg/l | 1.36 mg/l | -0.81 mg/l | ✗ |

| Minor elements | Value | Ideal value | Difference | Status |
|----------------|------------|-------------|-------------|--------|
| Lithium | 418.0 µg/l | 178.0 µg/l | +240.0 µg/l | ✓ |
| Silicon | 143.2 µg/l | 104.7 µg/l | +38.47 µg/l | ✓ |
| Iodine | 26.82 µg/l | 68.07 µg/l | -41.25 µg/l | ✗ |
| Barium | 17.41 µg/l | 10.47 µg/l | +6.94 µg/l | ✓ |



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| | | | | |
|------------|------------|------------|------------|---|
| Molybdenum | 16.86 µg/l | 12.57 µg/l | +4.29 µg/l | ✓ |
| Nickel | n.u | 0.52 µg/l | | ✓ |
| Manganese | n.u | 1.05 µg/l | | ✗ |
| Arsenic | n.u | 1.57 µg/l | | ✓ |
| Beryllium | n.u | 0.10 µg/l | | ✓ |
| Chrome | n.u | 0.52 µg/l | | ✓ |
| Cobalt | n.u | 0.10 µg/l | | ✓ |
| Iron | n.u | 0.52 µg/l | | ✓ |
| Copper | n.u | 0.52 µg/l | | ✓ |
| Selenium | n.u | 0.52 µg/l | | ✓ |
| Silver | n.u | 0.10 µg/l | | ✓ |
| Vanadium | 3.33 µg/l | 1.57 µg/l | +1.76 µg/l | ✓ |
| Zinc | n.u | 2.09 µg/l | | ✓ |
| Tin | n.u | 0.52 µg/l | | ✓ |

| Nutrients | Value | Ideal value | Difference | Status |
|------------|------------|-------------|-------------|--------|
| Nitrate | 18.23 mg/l | 2.00 mg/l | +16.23 mg/l | ✗ |
| Phosphorus | 32.40 µg/l | 15.71 µg/l | +16.69 µg/l | ✗ |
| Phosphate | 0.10 mg/l | 0.05 mg/l | +0.05 mg/l | ✗ |
| Pollutants | Value | Ideal value | Difference | Status |
| Aluminium | 15.37 µg/l | 0.10 µg/l | +15.27 µg/l | ✓ |
| Antimony | n.u | 0.10 µg/l | | ✓ |
| Bismuth | n.u | 0.10 µg/l | | ✓ |



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| | | | |
|-----------|-----|-----------|---|
| Lead | n.u | 0.10 µg/l | ✓ |
| Cadmium | n.u | 0.21 µg/l | ✓ |
| Lanthanum | n.u | n.u µg/l | ✓ |
| Thallium | n.u | 0.10 µg/l | ✓ |
| Titanium | n.u | 0.10 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 |
|------------|--------------------|--------|-------------|------|------|
| Fluor | Recommended Dosage | | 22,30 | ml | 4 |
| Mangan | Recommended Dosage | | 1,20 | ml | 1 |
| Iod | Important | Dosage | 0,30 | ml | 3 |

ATI RECOMMENDES

Adjust iodine dosage.