



User: Kyle Raymond Santo  
Analysis ID: 181015

Tank ID: 63958

Date: 02.07.2022

| Base elements | Value     | Ideal value | Difference | Status |
|---------------|-----------|-------------|------------|--------|
| Salinity      | 30.97 PSU | 35.00 PSU   | -4.03 PSU  | ✖      |

|                    |           |           |            |   |
|--------------------|-----------|-----------|------------|---|
| Carbonate hardness | 8.64 °dKH | 7.50 °dKH | +1.14 °dKH | ✓ |
|--------------------|-----------|-----------|------------|---|

| Major elements | Value      | Ideal value | Difference  | Status |
|----------------|------------|-------------|-------------|--------|
| Chloride       | 17676 mg/l | 17242 mg/l  | +433.6 mg/l | ✓      |

|        |           |           |              |   |
|--------|-----------|-----------|--------------|---|
| Sodium | 9338 mg/l | 9579 mg/l | -241.11 mg/l | ✓ |
|--------|-----------|-----------|--------------|---|

|           |           |           |             |   |
|-----------|-----------|-----------|-------------|---|
| Magnesium | 1336 mg/l | 1145 mg/l | +190.9 mg/l | ✖ |
|-----------|-----------|-----------|-------------|---|

|        |            |            |             |   |
|--------|------------|------------|-------------|---|
| Sulfur | 790.3 mg/l | 801.2 mg/l | -10.86 mg/l | ✓ |
|--------|------------|------------|-------------|---|

|         |            |            |             |   |
|---------|------------|------------|-------------|---|
| Calcium | 430.9 mg/l | 366.6 mg/l | +64.28 mg/l | ✖ |
|---------|------------|------------|-------------|---|

|           |            |            |             |   |
|-----------|------------|------------|-------------|---|
| Potassium | 378.7 mg/l | 355.3 mg/l | +23.40 mg/l | ✓ |
|-----------|------------|------------|-------------|---|

|         |            |            |            |   |
|---------|------------|------------|------------|---|
| Bromine | 67.01 mg/l | 58.35 mg/l | +8.66 mg/l | ✓ |
|---------|------------|------------|------------|---|

|           |           |           |            |   |
|-----------|-----------|-----------|------------|---|
| Strontium | 9.05 mg/l | 6.97 mg/l | +2.08 mg/l | ✖ |
|-----------|-----------|-----------|------------|---|

|       |           |           |            |   |
|-------|-----------|-----------|------------|---|
| Boron | 3.89 mg/l | 3.83 mg/l | +0.06 mg/l | ✓ |
|-------|-----------|-----------|------------|---|

|          |           |           |            |   |
|----------|-----------|-----------|------------|---|
| Fluorine | 1.27 mg/l | 1.13 mg/l | +0.14 mg/l | ✓ |
|----------|-----------|-----------|------------|---|

| Minor elements | Value      | Ideal value | Difference  | Status |
|----------------|------------|-------------|-------------|--------|
| Lithium        | 234.0 µg/l | 148.0 µg/l  | +85.96 µg/l | ✓      |

|         |            |            |             |   |
|---------|------------|------------|-------------|---|
| Silicon | 97.78 µg/l | 87.08 µg/l | +10.70 µg/l | ✓ |
|---------|------------|------------|-------------|---|

|        |            |            |             |   |
|--------|------------|------------|-------------|---|
| Iodine | 16.74 µg/l | 56.60 µg/l | -39.86 µg/l | ✖ |
|--------|------------|------------|-------------|---|

|        |            |           |             |   |
|--------|------------|-----------|-------------|---|
| Barium | 70.72 µg/l | 8.71 µg/l | +62.01 µg/l | ✖ |
|--------|------------|-----------|-------------|---|

|            |            |            |            |   |
|------------|------------|------------|------------|---|
| Molybdenum | 12.83 µg/l | 10.45 µg/l | +2.38 µg/l | ✓ |
|------------|------------|------------|------------|---|

|        |           |           |            |   |
|--------|-----------|-----------|------------|---|
| Nickel | 0.89 µg/l | 0.44 µg/l | +0.45 µg/l | ✓ |
|--------|-----------|-----------|------------|---|



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|-----------|-----------|-----------|------------|--|
| Manganese | n.u       | 0.87 µg/l |            |  |
| Arsenic   | n.u       | 1.31 µg/l |            |  |
| Beryllium | n.u       | 0.09 µg/l |            |  |
| Chrome    | n.u       | 0.44 µg/l |            |  |
| Cobalt    | n.u       | 0.09 µg/l |            |  |
| Iron      | n.u       | 0.44 µg/l |            |  |
| Copper    | n.u       | 0.44 µg/l |            |  |
| Selenium  | n.u       | 0.44 µg/l |            |  |
| Silver    | n.u       | 0.09 µg/l |            |  |
| Vanadium  | 5.74 µg/l | 1.31 µg/l | +4.43 µg/l |  |
| Zinc      | n.u       | 1.74 µg/l |            |  |
| Tin       | n.u       | 0.44 µg/l |            |  |

| Nutrients  | Value      | Ideal value | Difference  | Status |
|------------|------------|-------------|-------------|--------|
| Nitrate    | 18.49 mg/l | 2.00 mg/l   | +16.49 mg/l |        |
| Phosphorus | 16.21 µg/l | 13.06 µg/l  | +3.15 µg/l  |        |
| Phosphate  | 0.05 mg/l  | 0.04 mg/l   | +0.01 mg/l  |        |

| Pollutants | Value      | Ideal value | Difference  | Status |
|------------|------------|-------------|-------------|--------|
| Aluminium  | 60.43 µg/l | 0.09 µg/l   | +60.34 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        | 0.17 µg/l   |             |        |



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|           |     |           |   |
|-----------|-----|-----------|---|
| 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 |
|------------|--------------------|--------|-------------|------|------|
| Zink       | Recommended Dosage |        | 3,00        | ml   | 1    |
| Mangan     | Recommended Dosage |        | 1,50        | ml   | 1    |
| Iod        | Important          | Dosage | 0,70        | ml   | 2    |