

| DATUM DER PROBENAHEME | 19.02.1930 | 19.10.1935 | 23.09.1942 | 18.02.1949 | 20.02.1950 | 09.03.1950 | 14.04.1950 |
|-----------------------|------------|------------|------------|------------|------------|------------|------------|
|-----------------------|------------|------------|------------|------------|------------|------------|------------|

PHYSIKALISCHE PARAMETER

| | | | | | | | | |
|----------------------------------|-------|------|------|------|------|------|------|------|
| Temperatur des Wassers | °C | 10.0 | 11.0 | 10.5 | 10.3 | 10.3 | 10.5 | 10.5 |
| Temperatur der Luft | °C | | 15.0 | 15.0 | 4.0 | 5.5 | 10.0 | 9.0 |
| Leitfähigkeit (20°C) | µS/cm | | | | | | | |
| Spektr. Absorptionskoeff. 254 nm | 1/m | | | | | | | |
| Ergiebigkeit / Pumpmenge | l/min | | | | | | | |

BAKTERIOLOGIE

Aerobe mesophile Keime pro 1 ml

PC-Agar (20°C) am 3. Tag

PC-Agar (30°C) am 3. Tag

Fäkalkeime

Escherichia coli 100 ml

Enterokokken 100 ml

CHEMISCHE HAUPT- UND NEBENPARAMETER

| | | | | | | | | |
|----------------------------------|------|------|-------|------|--------|-------|--------|-------|
| Gesamthärte | °fH | | | | | | | |
| Karbonathärte | °fH | | | 34.5 | 33.0 | 30.5 | 30.5 | 31.5 |
| Resthärte | °fH | | | | | | | |
| Oxidierbarkeit | mg/l | | | | 6.0 | 3.7 | 3.7 | 2.6 |
| Totaler organ. Kohlenstoff (TOC) | mg/l | | | | | | | |
| Ammonium | mg/l | | 0.016 | | 0.02 | 0.01 | 0.014 | 0.001 |
| Nitrit | mg/l | | | | | 0.05 | | |
| Nitrat | mg/l | 20.0 | 24.0 | 24.0 | 38.0 | 25.0 | 32.0 | 24.0 |
| Chlorid | mg/l | 9.5 | 11.7 | 8.0 | 12.2 | 15.8 | 17.2 | 17.2 |
| Phosphat (als P) | mg/l | | | | | 0.015 | 0.015 | 0.006 |
| Sulfat | mg/l | | | | | | | |
| Eisen | mg/l | | | | 0.02 | | < 0.05 | |
| Mangan | mg/l | | | | < 0.01 | | < 0.02 | |
| Freie Kohlensäure | mg/l | | | | 47.0 | | | |
| Sauerstoff (gelöst) | mg/l | | | | 4.09 | | 3.7 | |
| Sauerstoffsättigung | % | | | | 38.5 | | | |
| pH-Wert | | | | | 7.0 | | 7.3 | |

WEITERE METALLE

| | | |
|-------------|------|--|
| Strontium | µg/l | |
| Zink | µg/l | |
| Cadmium | µg/l | |
| Quecksilber | µg/l | |
| Blei | µg/l | |

| DATUM DER PROBENAHME | | 25.05.1950 | 26.06.1950 | 11.07.1950 | 10.08.1950 | 06.09.1950 | 06.11.1950 | 06.03.1951 |
|----------------------------------|-------|------------|------------|------------|------------|------------|------------|------------|
| PHYSIKALISCHE PARAMETER | | | | | | | | |
| Temperatur des Wassers | °C | 10.3 | 10.7 | 10.8 | 11.1 | 11.2 | 11.2 | 11.0 |
| Temperatur der Luft | °C | 26.0 | 14.5 | 19.0 | 20.5 | 16.0 | 3.0 | 3.0 |
| Leitfähigkeit (20°C) | µS/cm | | | | | | | |
| Spektr. Absorptionskoeff. 254 nm | 1/m | | | | | | | |
| Ergiebigkeit / Pumpmenge | l/min | | | | | | | |

BAKTERIOLOGIE

Aerobe mesophile Keime pro 1 ml

PC-Agar (20°C) am 3. Tag

PC-Agar (30°C) am 3. Tag

Fäkalkeime

Escherichia coli 100 ml

Enterokokken 100 ml

CHEMISCHE HAUPT- UND NEBENPARAMETER

| | | | | | | | | |
|----------------------------------|------|-------|--------|---------|-------|-------|---------|-------|
| Gesamthärte | °fH | | | | | | | |
| Karbonathärte | °fH | 31.5 | 31.5 | 31.3 | 31.5 | 32.0 | 31.5 | 31.8 |
| Resthärte | °fH | | | | | | | |
| Oxidierbarkeit | mg/l | 2.8 | 2.8 | 2.8 | 2.7 | 3.3 | 2.8 | 3.1 |
| Totaler organ. Kohlenstoff (TOC) | mg/l | | | | | | | |
| Ammonium | mg/l | | 0.006 | 0.003 | 0.008 | 0.005 | 0.008 | 0.003 |
| Nitrit | mg/l | | < 0.01 | < 0.005 | | 0.005 | < 0.005 | 0.005 |
| Nitrat | mg/l | 36.0 | 36.0 | 36.0 | 36.0 | 36.0 | 40.0 | 40.0 |
| Chlorid | mg/l | 14.4 | 17.4 | 15.0 | 15.0 | 15.2 | 15.8 | 13.4 |
| Phosphat (als P) | mg/l | 0.006 | 0.025 | 0.009 | 0.018 | 0.015 | 0.015 | 0.012 |
| Sulfat | mg/l | | | | | | | |
| Eisen | mg/l | | | | | | | |
| Mangan | mg/l | | | | | | | |
| Freie Kohlensäure | mg/l | 72.0 | 69.0 | 71.0 | 68.0 | 68.0 | | |
| Sauerstoff (gelöst) | mg/l | 4.16 | 4.1 | 3.72 | 3.93 | 4.13 | 3.86 | 8.02 |
| Sauerstoffsättigung | % | 39.0 | 39.0 | 35.0 | 37.5 | 39.5 | 37.0 | 76.0 |
| pH-Wert | | 7.2 | 7.25 | 7.05 | 7.1 | 7.1 | 7.25 | 7.15 |

WEITERE METALLE

| | | | | | | | | |
|-------------|------|--|--|--|--|--|--|--|
| Strontium | µg/l | | | | | | | |
| Zink | µg/l | | | | | | | |
| Cadmium | µg/l | | | | | | | |
| Quecksilber | µg/l | | | | | | | |
| Blei | µg/l | | | | | | | |

| DATUM DER PROBENAHME | 16.05.1951 | 11.09.1957 | 03.10.1957 | 16.05.1960 | 14.03.1962 | 08.11.1962 | 01.02.1963 |
|----------------------|------------|------------|------------|------------|------------|------------|------------|
|----------------------|------------|------------|------------|------------|------------|------------|------------|

PHYSIKALISCHE PARAMETER

| | | | | | | | | |
|----------------------------------|-------|------|------|------|------|------|------|--------|
| Temperatur des Wassers | °C | 10.7 | 11.0 | 10.9 | 10.7 | 10.5 | 11.1 | 10.2 |
| Temperatur der Luft | °C | 7.0 | 16.0 | 9.0 | 17.0 | 3.0 | 16.0 | - 12.0 |
| Leitfähigkeit (20°C) | µS/cm | | | | | | | |
| Spektr. Absorptionskoeff. 254 nm | 1/m | | | | | | | |
| Ergiebigkeit / Pumpmenge | l/min | | | | | | | |

BAKTERIOLOGIE

Aerobe mesophile Keime pro 1 ml

| | | | | | | | | |
|--------------------------|--|--|--|--|--|----|--|--|
| PC-Agar (20°C) am 3. Tag | | | | | | 32 | | |
| PC-Agar (30°C) am 3. Tag | | | | | | 31 | | |

Fäkalkeime

| | | | | | | | | |
|------------------|--------|--|--|--|--|---|--|---|
| Escherichia coli | 100 ml | | | | | 0 | | 0 |
| Enterokokken | 100 ml | | | | | 0 | | 0 |

CHEMISCHE HAUPT- UND NEBENPARAMETER

| | | | | | | | | |
|----------------------------------|------|--------|-------|---------|---------|---------|-------|--------|
| Gesamthärte | °fH | | 39.2 | 39.1 | 38.1 | 39.4 | 39.8 | 37.3 |
| Karbonathärte | °fH | 31.5 | 34.8 | 35.0 | 33.8 | 34.8 | 32.0 | 33.3 |
| Resthärte | °fH | | 4.4 | 4.1 | 4.3 | 4.6 | 7.8 | 4.0 |
| Oxidierbarkeit | mg/l | 3.1 | 2.2 | | 2.1 | 1.9 | 2.2 | 2.1 |
| Totaler organ. Kohlenstoff (TOC) | mg/l | | | | | | | |
| Ammonium | mg/l | < 0.02 | 0.02 | < 0.02 | < 0.02 | < 0.02 | 0.02 | < 0.02 |
| Nitrit | mg/l | 0.005 | 0.005 | < 0.005 | < 0.005 | < 0.005 | 0.005 | 0.008 |
| Nitrat | mg/l | 40.0 | 26.0 | 24.0 | 27.0 | 24.0 | 26.0 | 24.0 |
| Chlorid | mg/l | 13.0 | 6.8 | 6.1 | 8.0 | 7.2 | 12.9 | 11.0 |
| Phosphat (als P) | mg/l | | 0.018 | | 0.012 | 0.012 | 0.015 | 0.015 |
| Sulfat | mg/l | | | | | | | |
| Eisen | mg/l | | 0.44 | < 0.02 | < 0.02 | 0.02 | 0.11 | < 0.02 |
| Mangan | mg/l | | | | | | | |
| Freie Kohlensäure | mg/l | | 40.0 | | 45.0 | 46.0 | 48.0 | 45.0 |
| Sauerstoff (gelöst) | mg/l | 5.94 | 6.0 | | 4.1 | 6.3 | 4.0 | 2.8 |
| Sauerstoffsättigung | % | 56.0 | | | 41.0 | 62.5 | 40.0 | 27.5 |
| pH-Wert | | 7.2 | 7.1 | | 7.0 | 7.05 | 7.0 | 7.1 |

WEITERE METALLE

| | | | | | | | | |
|-------------|------|--|--|--|--|--|--|--|
| Strontium | µg/l | | | | | | | |
| Zink | µg/l | | | | | | | |
| Cadmium | µg/l | | | | | | | |
| Quecksilber | µg/l | | | | | | | |
| Blei | µg/l | | | | | | | |

| DATUM DER PROBENNAHME | 06.02.1963 | 14.03.1963 | 01.05.1963 | 29.01.1964 | 23.11.1964 | 30.08.1967 | 22.01.1968 |
|-----------------------|------------|------------|------------|------------|------------|------------|------------|
|-----------------------|------------|------------|------------|------------|------------|------------|------------|

PHYSIKALISCHE PARAMETER

| | | | | | | | | |
|----------------------------------|-------|--------|------|------|-------|------|------|------|
| Temperatur des Wassers | °C | 10.4 | 10.2 | 10.6 | 10.6 | 11.0 | 11.4 | 10.5 |
| Temperatur der Luft | °C | - 21.0 | 5.0 | 10.0 | - 1.5 | 4.0 | | |
| Leitfähigkeit (20°C) | µS/cm | | | | | | | |
| Spektr. Absorptionskoeff. 254 nm | 1/m | | | | | | | |
| Ergiebigkeit / Pumpmenge | l/min | | | | | | | |

BAKTERIOLOGIE

Aerobe mesophile Keime pro 1 ml

| | | | | | | | |
|--------------------------|--------|---|---|---|---|----|----|
| PC-Agar (20°C) am 3. Tag | | | | 1 | 4 | 12 | 36 |
| PC-Agar (30°C) am 3. Tag | | | | 2 | 4 | 10 | 79 |
| Fäkalkeime | | | | | | | |
| Escherichia coli | 100 ml | 0 | 0 | 0 | | 0 | 0 |
| Enterokokken | 100 ml | 0 | 0 | 0 | | 0 | 0 |

CHEMISCHE HAUPT- UND NEBENPARAMETER

| | | | | | | | | |
|----------------------------------|------|--------|--------|---------|---------|---------|---------|---------|
| Gesamthärte | °fH | 37.9 | 36.9 | | 40.3 | 40.0 | 37.3 | 40.2 |
| Karbonathärte | °fH | 33.8 | 32.8 | | 33.8 | 33.5 | 34.1 | 36.3 |
| Resthärte | °fH | 4.1 | 4.1 | | 6.5 | 6.5 | 3.2 | 3.9 |
| Oxidierbarkeit | mg/l | 2.2 | 2.2 | 2.4 | 3.0 | 3.1 | 1.7 | 2.4 |
| Totaler organ. Kohlenstoff (TOC) | mg/l | | | | | | | |
| Ammonium | mg/l | < 0.02 | < 0.02 | < 0.02 | < 0.02 | < 0.02 | < 0.02 | < 0.02 |
| Nitrit | mg/l | 0.005 | 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Nitrat | mg/l | 24.0 | 18.0 | | 30.0 | 30.0 | 24.0 | 22.0 |
| Chlorid | mg/l | 12.1 | 11.5 | | 17.5 | 17.5 | 12.5 | 11.9 |
| Phosphat (als P) | mg/l | 0.012 | 0.015 | | 0.012 | 0.018 | 0.012 | 0.018 |
| Sulfat | mg/l | | | | | | | |
| Eisen | mg/l | | < 0.02 | | < 0.02 | < 0.02 | < 0.02 | < 0.02 |
| Mangan | mg/l | | | | | | | < 0.05 |
| Freie Kohlensäure | mg/l | | 40.0 | | | | 51.0 | 49.0 |
| Sauerstoff (gelöst) | mg/l | | 3.2 | 4.7 | | | 5.6 | 4.7 |
| Sauerstoffsättigung | % | | 32.0 | 46.5 | | | 56.0 | 46.5 |
| pH-Wert | | | 7.1 | 7.05 | | | 6.95 | 6.9 |

WEITERE METALLE

| | | |
|-------------|------|--|
| Strontium | µg/l | |
| Zink | µg/l | |
| Cadmium | µg/l | |
| Quecksilber | µg/l | |
| Blei | µg/l | |

| DATUM DER PROBENNAHME | 08.12.1980 | 27.07.1982 | 13.04.1983 | 20.09.1984 | 28.03.1985 | 26.06.1986 | 15.09.1987 |
|-----------------------|------------|------------|------------|------------|------------|------------|------------|
|-----------------------|------------|------------|------------|------------|------------|------------|------------|

PHYSIKALISCHE PARAMETER

| | | | | | | | | |
|----------------------------------|-------|-------|------|------|------|------|------|------|
| Temperatur des Wassers | °C | 11.3 | 10.8 | 11.0 | 11.6 | 11.1 | 11.0 | 11.6 |
| Temperatur der Luft | °C | - 9.0 | 13.0 | 1.0 | 14.0 | | 24.0 | 24.0 |
| Leitfähigkeit (20°C) | µS/cm | | | | | | | |
| Spektr. Absorptionskoeff. 254 nm | l/m | | | | | | | |
| Ergiebigkeit / Pumpmenge | l/min | 400 | 300 | 600 | 600 | 600 | 300 | 600 |

BAKTERIOLOGIE

Aerobe mesophile Keime pro 1 ml

| | | | | | | | | |
|--------------------------|--------|---|---|--|---|---|---|---|
| PC-Agar (20°C) am 3. Tag | | 2 | 2 | | 3 | 2 | 1 | 5 |
| PC-Agar (30°C) am 3. Tag | | 3 | 8 | | 4 | 2 | 3 | 5 |
| Fäkalkeime | | | | | | | | |
| Escherichia coli | 100 ml | 0 | 0 | | 0 | 0 | 0 | 0 |
| Enterokokken | 100 ml | 0 | 1 | | 0 | 0 | 0 | 1 |

CHEMISCHE HAUPT- UND NEBENPARAMETER

| | | | | | | | | |
|----------------------------------|------|---------|---------|---------|---------|---------|---------|---------|
| Gesamthärte | °fH | 38.0 | 38.5 | 38.4 | 37.8 | 37.2 | 35.0 | 36.0 |
| Karbonathärte | °fH | 33.5 | 32.6 | 33.2 | 33.0 | 32.2 | 30.5 | 31.3 |
| Resthärte | °fH | 4.5 | 5.9 | 5.2 | 4.8 | 5.0 | 4.5 | 4.7 |
| Oxidierbarkeit | mg/l | 2.2 | 2.4 | 2.5 | 2.1 | 1.4 | 2.1 | 2.1 |
| Totaler organ. Kohlenstoff (TOC) | mg/l | | | | | | | |
| Ammonium | mg/l | < 0.02 | < 0.02 | < 0.02 | < 0.02 | < 0.02 | < 0.02 | < 0.02 |
| Nitrit | mg/l | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Nitrat | mg/l | 23.5 | 23.3 | 25.1 | 28.4 | 29.0 | 27.3 | 25.3 |
| Chlorid | mg/l | 34.3 | 42.3 | 31.7 | 32.3 | 32.5 | 29.2 | 32.9 |
| Phosphat (als P) | mg/l | 0.037 | 0.012 | 0.006 | 0.018 | 0.018 | 0.018 | 0.021 |
| Sulfat | mg/l | | | | | | | |
| Eisen | mg/l | < 0.02 | < 0.02 | < 0.02 | < 0.02 | < 0.02 | < 0.02 | < 0.02 |
| Mangan | mg/l | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.02 | < 0.02 |
| Freie Kohlensäure | mg/l | 48.0 | 66.7 | 62.4 | 53.0 | 51.7 | 49.9 | 48.3 |
| Sauerstoff (gelöst) | mg/l | 4.41 | 4.82 | 4.9 | 5.25 | 5.04 | 5.32 | 5.45 |
| Sauerstoffsättigung | % | 43.0 | 46.7 | 48.0 | 51.8 | 49.1 | 51.5 | 53.6 |
| pH-Wert | | 7.1 | 7.0 | 7.0 | 7.25 | 7.05 | 6.95 | 7.1 |

WEITERE METALLE

| | | |
|-------------|------|--|
| Strontium | µg/l | |
| Zink | µg/l | |
| Cadmium | µg/l | |
| Quecksilber | µg/l | |
| Blei | µg/l | |

| DATUM DER PROBENAHME | 14.07.1988 | 09.02.1989 | 12.06.1990 | 08.08.1990 | 12.02.1991 | 26.08.1992 | 15.02.1993 |
|----------------------|------------|------------|------------|------------|------------|------------|------------|
|----------------------|------------|------------|------------|------------|------------|------------|------------|

PHYSIKALISCHE PARAMETER

| | | | | | | | | |
|----------------------------------|-------|------|-------|------|------|-------|------|------|
| Temperatur des Wassers | °C | 11.2 | 11.3 | 11.6 | 11.9 | 12.0 | 12.4 | 12.0 |
| Temperatur der Luft | °C | 15.0 | - 2.0 | 13.0 | 17.0 | - 3.0 | 19.0 | |
| Leitfähigkeit (20°C) | µS/cm | | | | 660 | 676 | 670 | 656 |
| Spektr. Absorptionskoeff. 254 nm | 1/m | | | | | | | |
| Ergiebigkeit / Pumpmenge | l/min | 300 | 600 | 600 | 300 | 600 | 600 | 300 |

BAKTERIOLOGIE

Aerobe mesophile Keime pro 1 ml

| | | | | | | | | |
|--------------------------|--------|---|--|---|--|--|---|---|
| PC-Agar (20°C) am 3. Tag | | 0 | | 3 | | | 0 | 2 |
| PC-Agar (30°C) am 3. Tag | | 7 | | 3 | | | 1 | 1 |
| Fäkalkeime | | | | | | | | |
| Escherichia coli | 100 ml | 0 | | 0 | | | 0 | 0 |
| Enterokokken | 100 ml | 0 | | 0 | | | 0 | 0 |

CHEMISCHE HAUPT- UND NEBENPARAMETER

| | | | | | | | | |
|----------------------------------|------|---------|---------|---------|---------|---------|---------|---------|
| Gesamthärte | °H | 37.0 | 36.5 | 36.5 | 36.5 | 37.7 | 36.7 | 36.1 |
| Karbonathärte | °H | 32.7 | 33.3 | 33.6 | 33.5 | 34.0 | 33.0 | 32.5 |
| Resthärte | °H | 4.3 | 3.2 | 2.9 | 3.0 | 3.7 | 3.7 | 3.6 |
| Oxidierbarkeit | mg/l | 2.5 | 1.6 | 2.1 | 1.6 | 2.1 | 1.7 | 1.9 |
| Totaler organ. Kohlenstoff (TOC) | mg/l | | | | | | | |
| Ammonium | mg/l | < 0.02 | < 0.02 | < 0.02 | < 0.02 | < 0.02 | < 0.02 | < 0.02 |
| Nitrit | mg/l | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Nitrat | mg/l | 26.6 | 24.8 | 23.9 | 21.3 | 24.4 | 23.5 | 24.4 |
| Chlorid | mg/l | 28.7 | 21.5 | 20.8 | 20.1 | 33.5 | 22.5 | 19.6 |
| Phosphat (als P) | mg/l | 0.025 | 0.021 | 0.018 | 0.018 | 0.021 | 0.018 | 0.025 |
| Sulfat | mg/l | | | | 16.0 | 20.0 | 18.8 | 18.3 |
| Eisen | mg/l | < 0.02 | < 0.02 | < 0.02 | < 0.02 | < 0.02 | < 0.02 | < 0.02 |
| Mangan | mg/l | < 0.02 | < 0.02 | < 0.02 | < 0.02 | < 0.02 | < 0.02 | < 0.02 |
| Freie Kohlensäure | mg/l | 49.9 | 51.5 | 60.6 | 61.8 | 54.3 | 60.1 | 53.6 |
| Sauerstoff (gelöst) | mg/l | 5.5 | 5.44 | 4.6 | 5.26 | 4.62 | 4.28 | 4.49 |
| Sauerstoffsättigung | % | 53.6 | 53.1 | 45.2 | 52.2 | 45.9 | 42.9 | 44.6 |
| pH-Wert | | 7.05 | 7.0 | 7.0 | 6.95 | 6.95 | 6.9 | 7.0 |

WEITERE METALLE

| | | | | | | | | |
|-------------|------|--|--|--|-------|-------|-------|-------|
| Strontium | µg/l | | | | 220 | 220 | 240 | 280 |
| Zink | µg/l | | | | 90 | 20 | < 20 | 20 |
| Cadmium | µg/l | | | | < 0.2 | < 0.2 | < 0.2 | < 0.2 |
| Quecksilber | µg/l | | | | < 0.2 | < 0.2 | < 0.2 | < 0.2 |
| Blei | µg/l | | | | < 2 | < 2 | < 2 | < 2 |

| DATUM DER PROBENAHME | 17.08.1994 | 17.08.1994 | 20.02.1995 | 21.02.1996 | 02.05.1996 | 12.11.1996 | 25.02.1997 |
|----------------------|------------|------------|------------|------------|------------|------------|------------|
|----------------------|------------|------------|------------|------------|------------|------------|------------|

PHYSIKALISCHE PARAMETER

| | | | | | | | | |
|----------------------------------|-------|------|------|------|------|------|------|------|
| Temperatur des Wassers | °C | 12.1 | 12.1 | 12.1 | 11.8 | 11.7 | 11.6 | 11.5 |
| Temperatur der Luft | °C | | | | | 12.0 | 10.0 | |
| Leitfähigkeit (20°C) | µS/cm | 650 | 650 | 660 | | | 622 | 657 |
| Spektr. Absorptionskoeff. 254 nm | 1/m | | | | | | | |
| Ergiebigkeit / Pumpmenge | l/min | 600 | 600 | 600 | | 640 | 300 | 600 |

BAKTERIOLOGIE

Aerobe mesophile Keime pro 1 ml

| | | | | | | | | |
|--------------------------|--------|---|---|---|---|---|---|---|
| PC-Agar (20°C) am 3. Tag | | 0 | 0 | 3 | 2 | 1 | 1 | 0 |
| PC-Agar (30°C) am 3. Tag | | 0 | 0 | 0 | 0 | 2 | 0 | 0 |
| Fäkalkeime | | | | | | | | |
| Escherichia coli | 100 ml | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| Enterokokken | 100 ml | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

CHEMISCHE HAUPT- UND NEBENPARAMETER

| | | | | | | | | |
|----------------------------------|------|---------|---------|---------|---------|---------|---------|---------|
| Gesamthärte | °fH | 36.5 | 36.5 | 36.7 | 36.2 | 34.6 | 34.9 | 37.5 |
| Karbonathärte | °fH | 33.1 | 33.1 | 34.0 | 33.2 | 32.2 | 31.0 | 33.0 |
| Resthärte | °fH | 3.4 | 3.4 | 2.7 | 3.0 | 2.4 | 3.9 | 4.5 |
| Oxidierbarkeit | mg/l | 2.7 | 2.7 | 2.1 | 2.1 | 1.3 | 1.4 | 1.4 |
| Totaler organ. Kohlenstoff (TOC) | mg/l | | | | | | | |
| Ammonium | mg/l | < 0.02 | < 0.02 | < 0.02 | < 0.02 | < 0.02 | < 0.02 | < 0.02 |
| Nitrit | mg/l | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Nitrat | mg/l | 24.2 | 24.2 | 22.6 | 22.9 | 20.4 | 21.0 | 26.6 |
| Chlorid | mg/l | 17.3 | 17.3 | 14.9 | 18.5 | 16.0 | 15.4 | 13.3 |
| Phosphat (als P) | mg/l | 0.021 | 0.021 | 0.021 | 0.021 | 0.021 | 0.025 | 0.02 |
| Sulfat | mg/l | 20.0 | 20.0 | 17.7 | 18.6 | 18.3 | 17.6 | 15.0 |
| Eisen | mg/l | < 0.02 | < 0.02 | < 0.02 | < 0.02 | < 0.02 | < 0.02 | < 0.02 |
| Mangan | mg/l | < 0.02 | < 0.02 | < 0.02 | < 0.02 | < 0.02 | < 0.02 | < 0.02 |
| Freie Kohlensäure | mg/l | 58.7 | 58.7 | 57.1 | 60.0 | 44.5 | 44.1 | 52.8 |
| Sauerstoff (gelöst) | mg/l | 5.4 | 5.3 | 4.91 | 5.33 | 4.69 | 5.02 | 5.47 |
| Sauerstoffsättigung | % | 53.6 | 53.6 | 49.0 | 52.8 | 46.1 | 49.4 | 53.7 |
| pH-Wert | | 7.1 | 7.1 | 7.05 | 7.1 | 7.1 | 7.0 | 7.0 |

WEITERE METALLE

| | | | | | | | | |
|-------------|------|-------|-------|--|--|--|--|--|
| Strontium | µg/l | 280 | 280 | | | | | |
| Zink | µg/l | 30 | 30 | | | | | |
| Cadmium | µg/l | < 0.2 | < 0.2 | | | | | |
| Quecksilber | µg/l | < 0.2 | < 0.2 | | | | | |
| Blei | µg/l | < 2 | < 2 | | | | | |

| DATUM DER PROBENAHME | 26.08.1998 | 27.09.1999 | 24.08.2000 | 22.02.2001 | 20.02.2003 | 19.08.2004 | 17.02.2005 |
|----------------------|------------|------------|------------|------------|------------|------------|------------|
|----------------------|------------|------------|------------|------------|------------|------------|------------|

PHYSIKALISCHE PARAMETER

| | | | | | | | | |
|----------------------------------|-------|------|------|------|------|-------|------|-------|
| Temperatur des Wassers | °C | 12.2 | 11.8 | 12.6 | 12.2 | 12.2 | 13.7 | 12.1 |
| Temperatur der Luft | °C | 16.0 | 13.0 | 17.0 | 3.0 | - 9.0 | 18.0 | - 6.0 |
| Leitfähigkeit (20°C) | µS/cm | 657 | 658 | 660 | 680 | 662 | 655 | 724 |
| Spektr. Absorptionskoeff. 254 nm | 1/m | | | | | | 2.1 | 2.1 |
| Ergiebigkeit / Pumpmenge | l/min | 340 | 544 | 350 | | | | |

BAKTERIOLOGIE

Aerobe mesophile Keime pro 1 ml

| | | | | | | | | |
|--------------------------|--|---|---|---|---|---|---|---|
| PC-Agar (20°C) am 3. Tag | | 3 | 2 | 0 | 0 | 1 | 0 | 3 |
| PC-Agar (30°C) am 3. Tag | | 1 | 1 | 2 | 2 | 1 | 1 | 0 |

Fäkalkeime

| | | | | | | | | |
|------------------|--------|---|---|---|---|---|---|---|
| Escherichia coli | 100 ml | 0 | 0 | 0 | 0 | | 0 | 0 |
| Enterokokken | 100 ml | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

CHEMISCHE HAUPT- UND NEBENPARAMETER

| | | | | | | | | |
|----------------------------------|------|---------|---------|---------|---------|---------|---------|---------|
| Gesamthärte | °H | 36.0 | 36.8 | 35.4 | 36.0 | 35.5 | 36.4 | 38.0 |
| Karbonathärte | °H | 33.2 | 32.8 | 31.9 | 32.8 | 33.7 | 32.9 | 34.9 |
| Resthärte | °H | 2.8 | 4.0 | 3.5 | 3.2 | 1.8 | 3.5 | 3.1 |
| Oxidierbarkeit | mg/l | 2.1 | 2.0 | 2.1 | 1.9 | 1.9 | 2.5 | |
| Totaler organ. Kohlenstoff (TOC) | mg/l | | | | | | 0.9 | 1.0 |
| Ammonium | mg/l | < 0.01 | < 0.01 | < 0.01 | < 0.02 | < 0.01 | < 0.01 | < 0.01 |
| Nitrit | mg/l | < 0.002 | < 0.002 | < 0.002 | < 0.002 | < 0.002 | < 0.002 | < 0.002 |
| Nitrat | mg/l | 20.5 | 23.5 | 20.5 | 21.0 | 17.5 | 22.0 | 16.0 |
| Chlorid | mg/l | 18.5 | 17.5 | 25.0 | 24.5 | 17.5 | 19.5 | 24.0 |
| Phosphat (als P) | mg/l | 0.023 | 0.02 | 0.023 | 0.023 | 0.025 | 0.026 | 0.024 |
| Sulfat | mg/l | 18.5 | 14.5 | 16.5 | 15.5 | 13.0 | 12.5 | 12.5 |
| Eisen | mg/l | < 0.01 | < 0.01 | < 0.01 | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Mangan | mg/l | < 0.01 | < 0.01 | < 0.01 | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Freie Kohlensäure | mg/l | 46.1 | 47.0 | 46.0 | 39.0 | 43.0 | 46.0 | 45.0 |
| Sauerstoff (gelöst) | mg/l | 3.95 | 5.0 | 4.4 | 5.4 | 4.55 | 4.05 | 3.75 |
| Sauerstoffsättigung | % | 39.0 | 49.0 | 44.0 | 54.0 | 45.0 | 42.0 | 37.0 |
| pH-Wert | | 7.1 | 7.05 | 7.2 | 7.2 | 7.15 | 7.1 | 7.15 |

WEITERE METALLE

| | | | | | | | | |
|-------------|------|--|--|--|--|--|-------|--|
| Strontium | µg/l | | | | | | 272 | |
| Zink | µg/l | | | | | | 23 | |
| Cadmium | µg/l | | | | | | < 0.2 | |
| Quecksilber | µg/l | | | | | | < 0.2 | |
| Blei | µg/l | | | | | | < 1 | |

| DATUM DER PROBENAHME | 09.08.2006 | 22.02.2007 | 21.08.2008 | 19.02.2009 | 19.08.2010 | 17.02.2011 | 21.08.2012 |
|----------------------|------------|------------|------------|------------|------------|------------|------------|
|----------------------|------------|------------|------------|------------|------------|------------|------------|

PHYSIKALISCHE PARAMETER

| | | | | | | | | |
|----------------------------------|-------|------|------|------|--------|------|------|------|
| Temperatur des Wassers | °C | 12.2 | 12.1 | 12.4 | 12.0 | 12.2 | 12.1 | 12.9 |
| Temperatur der Luft | °C | 15.0 | 5.0 | 15.5 | - 12.5 | 14.0 | | |
| Leitfähigkeit (20°C) | µS/cm | 699 | 704 | 692 | 680 | 688 | 705 | 708 |
| Spektr. Absorptionskoeff. 254 nm | 1/m | 2.1 | 2.0 | 2.0 | 1.9 | 1.9 | 1.9 | 2.1 |
| Ergiebigkeit / Pumpmenge | l/min | | | | | | | |

BAKTERIOLOGIE

Aerobe mesophile Keime pro 1 ml

| | | | | | | | | |
|--------------------------|--------|---|---|---|---|---|----|---|
| PC-Agar (20°C) am 3. Tag | | 1 | 1 | 0 | 0 | 3 | 5 | |
| PC-Agar (30°C) am 3. Tag | | 0 | 2 | 1 | 1 | 5 | 13 | 2 |
| Fäkalkeime | | | | | | | | |
| Escherichia coli | 100 ml | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| Enterokokken | 100 ml | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

CHEMISCHE HAUPT- UND NEBENPARAMETER

| | | | | | | | | |
|----------------------------------|------|---------|---------|---------|---------|---------|---------|---------|
| Gesamthärte | °H | 36.0 | 37.6 | 36.9 | 38.8 | 36.4 | 37.2 | 35.6 |
| Karbonathärte | °H | 31.8 | 33.5 | 33.5 | 35.6 | 32.3 | 34.0 | 32.5 |
| Resthärte | °H | 4.2 | 4.1 | 3.4 | 3.2 | 4.1 | 3.2 | 3.1 |
| Oxidierbarkeit | mg/l | | | | | | | |
| Totaler organ. Kohlenstoff (TOC) | mg/l | 1.0 | 1.0 | 0.9 | 1.0 | 0.9 | 1.0 | 1.0 |
| Ammonium | mg/l | < 0.01 | < 0.01 | < 0.01 | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Nitrit | mg/l | < 0.002 | < 0.002 | < 0.002 | < 0.002 | < 0.002 | < 0.002 | < 0.002 |
| Nitrat | mg/l | 20.0 | 21.5 | 20.5 | 21.5 | 22.5 | 22.0 | 19.0 |
| Chlorid | mg/l | 44.5 | 37.5 | 32.5 | 23.5 | 41.0 | 30.0 | 45.0 |
| Phosphat (als P) | mg/l | 0.021 | 0.025 | 0.018 | 0.024 | 0.026 | 0.015 | 0.029 |
| Sulfat | mg/l | 14.0 | 14.0 | 14.5 | 12.0 | 16.0 | 13.5 | 16.0 |
| Eisen | mg/l | < 0.01 | < 0.01 | < 0.01 | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Mangan | mg/l | < 0.01 | < 0.01 | < 0.01 | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Freie Kohlensäure | mg/l | 37.0 | 43.0 | 33.0 | 43.0 | 31.0 | 34.0 | 28.0 |
| Sauerstoff (gelöst) | mg/l | 4.7 | 4.55 | 4.75 | 2.5 | 5.85 | 5.15 | 5.85 |
| Sauerstoffsättigung | % | 47.0 | 45.0 | 48.0 | 25.0 | 58.0 | 51.0 | 59.0 |
| pH-Wert | | 7.25 | 7.4 | 7.2 | 7.2 | 7.2 | 7.3 | 7.35 |

WEITERE METALLE

| | | | | | | | | |
|-------------|------|--|--|--|--|-------|--|--|
| Strontium | µg/l | | | | | 286 | | |
| Zink | µg/l | | | | | 17 | | |
| Cadmium | µg/l | | | | | < 0.2 | | |
| Quecksilber | µg/l | | | | | < 0.2 | | |
| Blei | µg/l | | | | | < 1 | | |

| DATUM DER PROBENNAHME | 12.08.2014 | 24.02.2015 | 16.08.2016 | 16.02.2017 | 21.08.2018 | 20.02.2019 | 27.08.2020 |
|-----------------------|------------|------------|------------|------------|------------|------------|------------|
|-----------------------|------------|------------|------------|------------|------------|------------|------------|

PHYSIKALISCHE PARAMETER

| | | | | | | | | |
|----------------------------------|-------|------|------|------|------|------|------|------|
| Temperatur des Wassers | °C | 12.3 | 12.6 | 12.4 | 12.4 | 15.0 | 11.5 | 13.3 |
| Temperatur der Luft | °C | | | | | | | |
| Leitfähigkeit (20°C) | µS/cm | 678 | 690 | 652 | 651 | 679 | 693 | 695 |
| Spektr. Absorptionskoeff. 254 nm | 1/m | 1.8 | 1.9 | 1.8 | 1.7 | 1.8 | 2.1 | 2.2 |
| Ergiebigkeit / Pumpmenge | l/min | | | | | | | |

BAKTERIOLOGIE

Aerobe mesophile Keime pro 1 ml

| | | | | | | | | |
|--------------------------|--------|---|---|---|---|---|----|---|
| PC-Agar (20°C) am 3. Tag | | | | | | | | |
| PC-Agar (30°C) am 3. Tag | | 0 | 0 | 0 | 0 | 2 | 12 | 1 |
| Fäkalkeime | | | | | | | | |
| Escherichia coli | 100 ml | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Enterokokken | 100 ml | 0 | 0 | 0 | 4 | 0 | 0 | 0 |

CHEMISCHE HAUPT- UND NEBENPARAMETER

| | | | | | | | | |
|----------------------------------|------|---------|---------|---------|---------|---------|---------|---------|
| Gesamthärte | °fH | 36.1 | 36.5 | 34.0 | 36.0 | 36.8 | 34.5 | 35.0 |
| Karbonathärte | °fH | 33.6 | 34.3 | 32.0 | 34.0 | 34.2 | 31.6 | 32.6 |
| Resthärte | °fH | 2.5 | 2.2 | 2.0 | 2.0 | 2.6 | 2.9 | 2.4 |
| Oxidierbarkeit | mg/l | | | | | | | |
| Totaler organ. Kohlenstoff (TOC) | mg/l | 0.8 | 0.8 | 0.7 | 0.5 | 0.7 | 0.8 | 1.2 |
| Ammonium | mg/l | < 0.01 | < 0.01 | < 0.01 | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Nitrit | mg/l | < 0.002 | < 0.002 | < 0.002 | < 0.002 | < 0.002 | < 0.002 | < 0.002 |
| Nitrat | mg/l | 19.7 | 18.7 | 14.4 | 17.9 | 16.9 | 13.8 | 15.6 |
| Chlorid | mg/l | 33.5 | 37.5 | 33.2 | 25.4 | 31.2 | 48.8 | 41.4 |
| Phosphat (als P) | mg/l | 0.029 | 0.032 | 0.034 | 0.027 | 0.021 | 0.041 | 0.039 |
| Sulfat | mg/l | 12.7 | 13.4 | 12.2 | 13.6 | 12.4 | 15.3 | 16.4 |
| Eisen | mg/l | | | | | | | |
| Mangan | mg/l | | | | | | | |
| Freie Kohlensäure | mg/l | 40.0 | 34.0 | 29.0 | 27.0 | 43.0 | 25.0 | 35.2 |
| Sauerstoff (gelöst) | mg/l | 5.95 | 5.05 | 5.55 | 5.6 | 5.4 | 3.6 | 3.8 |
| Sauerstoffsättigung | % | 60.0 | 51.0 | 56.0 | 56.0 | 57.0 | 35.0 | 38.0 |
| pH-Wert | | 7.35 | 7.3 | 7.3 | 7.45 | 7.25 | 7.6 | 7.2 |

WEITERE METALLE

| | | | | | | | | |
|-------------|------|--|--|--|--|--|--|--|
| Strontium | µg/l | | | | | | | |
| Zink | µg/l | | | | | | | |
| Cadmium | µg/l | | | | | | | |
| Quecksilber | µg/l | | | | | | | |
| Blei | µg/l | | | | | | | |

| DATUM DER PROBENNAHME | 03.02.2021 | 24.08.2022 | 21.02.2023 |
|-----------------------|------------|------------|------------|
|-----------------------|------------|------------|------------|

PHYSIKALISCHE PARAMETER

| | | | | |
|----------------------------------|-------|------|------|------|
| Temperatur des Wassers | °C | 12.8 | 13.2 | 13.5 |
| Temperatur der Luft | °C | | | |
| Leitfähigkeit (20°C) | µS/cm | 701 | 679 | 676 |
| Spektr. Absorptionskoeff. 254 nm | 1/m | 2.2 | 2.1 | 2.0 |
| Ergiebigkeit / Pumpmenge | l/min | | | |

BAKTERIOLOGIE

Aerobe mesophile Keime pro 1 ml

| | | | | |
|--------------------------|--|---|---|--|
| PC-Agar (20°C) am 3. Tag | | | | |
| PC-Agar (30°C) am 3. Tag | | 0 | 2 | |

Fäkalkeime

| | | | | |
|------------------|--------|---|---|---|
| Escherichia coli | 100 ml | 0 | 0 | 0 |
| Enterokokken | 100 ml | 0 | 0 | 0 |

CHEMISCHE HAUPT- UND NEBENPARAMETER

| | | | | |
|----------------------------------|------|-------|---------|---------|
| Gesamthärte | °H | 37.6 | 33.8 | 35.7 |
| Karbonathärte | °H | 34.5 | 31.7 | 33.5 |
| Resthärte | °H | 3.1 | 2.1 | 2.2 |
| Oxidierbarkeit | mg/l | | | |
| Totaler organ. Kohlenstoff (TOC) | mg/l | 1.5 | 1.1 | 1.0 |
| Ammonium | mg/l | 0.01 | < 0.01 | < 0.01 |
| Nitrit | mg/l | 0.006 | < 0.002 | < 0.002 |
| Nitrat | mg/l | 20.2 | 15.0 | 15.9 |
| Chlorid | mg/l | 32.3 | 42.8 | 32.4 |
| Phosphat (als P) | mg/l | 0.023 | 0.039 | 0.034 |
| Sulfat | mg/l | 15.9 | 16.7 | 14.0 |
| Eisen | mg/l | | | |
| Mangan | mg/l | | | |
| Freie Kohlensäure | mg/l | 41.0 | 35.0 | 35.0 |
| Sauerstoff (gelöst) | mg/l | 3.8 | 5.1 | 4.3 |
| Sauerstoffsättigung | % | 38.0 | 52.0 | 44.0 |
| pH-Wert | | 7.1 | 7.2 | 7.3 |

WEITERE METALLE

| | | | | |
|-------------|------|--|--|--|
| Strontium | µg/l | | | |
| Zink | µg/l | | | |
| Cadmium | µg/l | | | |
| Quecksilber | µg/l | | | |
| Blei | µg/l | | | |