

## PHOTOPOD SP

Analysis List



**Photopod SP is a photometer that has 70 methods allowing to measure 40 parameters.**

- Reagents are mainly available as tablets or tubes.\*
- A starting kit is composed of the reagents, the material and the operating procedure needed for the analysis. A refill kit contains only reagents.
- Time is presented for information purpose only.

\* For tubes : the available parameters are COD, Total Nitrogen, Ammonia, Nitrites, Nitrates & Total Phosphorus. Please contact us for more information.

### PHOTOPOD SP AVAILABLE METHODS

| Parameter  |                     | Range              | Reagents | Time (mn) | Starting kit for Photopod | Nbr test | Reagents refill for Photopod | Nbr test |
|------------|---------------------|--------------------|----------|-----------|---------------------------|----------|------------------------------|----------|
| Alkalinity | TA                  | 2,0 - 50,0 °F      | tablet   | 5         | 1MT134                    | 100      | 1MT045                       | 250      |
| Alkalinity | TAC                 | 2,0 - 50,0 °F      | tablet   | 4         | 1MT135                    | 100      | 1MT046                       | 250      |
| Aluminium  | Al <sup>3+</sup>    | 0,02 - 0,30 mg/L   | tablet   | 8         | 1MT001                    | 100      | 1MT304                       | 250      |
| Aluminium  | Al <sup>3+</sup>    | 0,20 - 3,00 mg/L   | tablet   | 9         | 1MT001                    | 100      | 1MT304                       | 250      |
| Ammonium   | NH <sup>+</sup> 4-N | 0,08 - 1,60 mg/L N | tablet   | 11        | 1MT193                    | 100      | 1MT306                       | 250      |
| Ammonium#  | NH 4-N              | 0,08 - 1,60 mg/L N | tablet   | 11        | 1MT003                    | 100      | 1MT358                       | 250      |
| Bromine    | Br <sub>2</sub>     | 0,10 - 2,25 mg/L   | tablet   | 4         | 1MT138                    | 100      | 1MT004                       | 250      |
| Bromine    | Br <sub>2</sub>     | 1,00 - 13,5 mg/L   | tablet   | 7         | 1MT138                    | 100      | 1MT004                       | 250      |

| Parameter         |                                   | Range                             | Reagents | Time (mn) | Starting kit for Photopod | Nbr test | Reagents refill for Photopod | Nbr test |
|-------------------|-----------------------------------|-----------------------------------|----------|-----------|---------------------------|----------|------------------------------|----------|
| Calcium           | CaCO <sub>3</sub> - Ca            | 2,0 - 20,0 mg/L CaCO <sub>3</sub> | tablet   | 3         | 1MT139                    | 100      | 1MT309                       | 250      |
| Calcium           | CaCO <sub>3</sub> - Ca            | 20 - 200 mg/L CaCO <sub>3</sub>   | tablet   | 4         | 1MT139                    | 100      | 1MT309                       | 250      |
| Chromium 6        | Cr <sup>6+</sup>                  | 0,05 - 2,00 mg/L                  | tablet   | 6         | 1MT142                    | 100      | 1MT312                       | 250      |
| Chlorides         | Cl <sup>-</sup>                   | 0,50 - 20,0 mg/L                  | tablet   | 4         | 1MT141                    | 100      | 1MT311                       | 250      |
| Chlorides         | Cl <sup>-</sup>                   | 5 - 200 mg/L                      | tablet   | 5         | 1MT141                    | 100      | 1MT311                       | 250      |
| Chlorine Dioxide  | ClO <sub>2</sub>                  | 0,20 - 4,75 mg/L                  | tablet   | 4         | 1MT177                    | 100      | 1MT069                       | 250      |
| Chlorine Dioxide  | ClO <sub>2</sub>                  | 2,4 - 28,5 mg/L                   | tablet   | 7         | 1MT177                    | 100      | 1MT069                       | 250      |
| Copper            | Cu <sup>2+</sup>                  | 0,20 - 5,00 mg/L                  | tablet   | 6         | 1MT011                    | 100      | 1MT314                       | 250      |
| Cyanuric Acid     | Cyan.Ac.                          | 10 - 200 mg/L                     | tablet   | 5         | 1MT048                    | 100      | 1MT302                       | 250      |
| Fluorides         | F <sup>-</sup>                    | 0,20 - 2,00 mg/L                  | tablet   | 7         | 1MT147                    | 100      | 1MT320                       | 200      |
| Free Chlorine     | Cl <sub>2</sub>                   | 0,05 - 1,00 mg/L                  | tablet   | 4         | 1MT140                    | 100      | 1MT116                       | 250      |
| Free Chlorine     | Cl <sub>2</sub>                   | 0,50 - 6,00 mg/L                  | tablet   | 7         | 1MT140                    | 100      | 1MT116                       | 250      |
| Hydrogen Peroxide | H <sub>2</sub> O <sub>2</sub>     | 2 - 200 mg/L                      | tablet   | 1,5       | 1MT148                    | 100      | 1MT321                       | 250      |
| Hydrogen Peroxide | H <sub>2</sub> O <sub>2</sub>     | 0,05 - 2,00 mg/L                  | tablet   | 2,5       | 1MT149                    | 100      | 1MT322                       | 250      |
| Hardness          | TH                                | 2,0 - 20,0 °F                     | tablet   | 4         | 1MT143                    | 100      | 1MT047                       | 250      |
| Hardness          | TH                                | 5,0 - 50,0 °F                     | tablet   | 5         | 1MT143                    | 100      | 1MT047                       | 250      |
| Iron              | Fe                                | 0,2 - 20,0 mg/L                   | tablet   | 4         | 1MT145                    | 100      | 1MT318                       | 250      |
| Iron              | Fe                                | 0,05 - 5,00 mg/L                  | tablet   | 7         | 1MT146                    | 100      | 1MT319                       | 250      |
| Magnesium         | Mg <sup>2+</sup>                  | 0,50 - 5,00 mg/L                  | tablet   | 4         | 1MT161                    | 100      | 1MT325                       | 250      |
| Magnesium         | Mg <sup>2+</sup>                  | 5,0 - 50,0 mg/L                   | tablet   | 5         | 1MT161                    | 100      | 1MT325                       | 250      |
| Manganese         | Mn <sup>2+</sup>                  | 0,10 - 8,00 mg/L                  | tablet   | 6         | 1MT162                    | 100      | 1MT327                       | 250      |
| Molybdate         | MoO <sub>4</sub> <sup>-</sup> -Mo | 3,0 - 60,0 mg/L Mo                | tablet   | 2         | 1MT024                    | 100      | 1MT330                       | 250      |
| Nickel            | Ni <sup>2+</sup>                  | 0,50 - 10,0 mg/L                  | tablet   | 3         | 1MT079                    | 100      | 1MT332                       | 200      |
| Nitrates#         | NO <sub>3</sub> <sup>-</sup> -N   | 0,06 - 2,30 mg/L N                | liquid   | 10        | 1MT184                    | 25       | 1MT350                       | 50       |
| Nitrates#         | NO <sub>3</sub> <sup>-</sup> -N   | 0,6 - 23,0 mg/L N                 | liquid   | 10        | 1MT184                    | 25       | 1MT350                       | 50       |
| Nitrates          | NO <sub>3</sub> <sup>-</sup> -N   | 0,10 - 1,00 mg/L N                | tablet   | 17        | 1MT101                    | 100      | 1MT333                       | 200      |
| Nitrates          | NO <sub>3</sub> <sup>-</sup> -N   | 1,0 - 22,5 mg/L N                 | tablet   | 17        | 1MT101                    | 100      | 1MT333                       | 200      |
| Nitrates          | NO <sub>3</sub> <sup>-</sup> -N   | 4,5 - 45,0 mg/L N                 | tablet   | 17        | 1MT101                    | 100      | 1MT333                       | 200      |
| Nitrites#         | NO <sub>2</sub> <sup>-</sup> -N   | 0,01 - 0,60 mg/L N                | liquid   | 6         | 1MT027                    | 150      | 1MT334                       | 300      |
| Nitrites          | NO <sub>2</sub> <sup>-</sup> -N   | 0,01 - 0,60 mg/L N                | tablet   | 11        | 1MT165                    | 100      | 1MT335                       | 250      |
| Nitrites          | NO <sub>2</sub> <sup>-</sup> -N   | 0,4 - 41,0 mg/L N                 | tablet   | 3         | 1MT166                    | 100      | 1MT336                       | 250      |
| Nitrites          | NO <sub>2</sub> <sup>-</sup> -N   | 4 - 410 mg/L N                    | tablet   | 3         | 1MT166                    | 100      | 1MT336                       | 250      |
| Ozone             | O <sub>3</sub>                    | 0,30 - 4,00 mg/L                  | tablet   | 7         | 1MT029                    | 100      | 1MT337                       | 250      |
| Ozone             | O <sub>3</sub>                    | 0,03 - 0,65 mg/L                  | tablet   | 4         | 1MT029                    | 100      | 1MT337                       | 250      |
| Phosphates        | PO <sub>4</sub> <sup>3-</sup> -P  | 0,6 - 32,6 mg/L P                 | tablet   | 2,5       | 1MT185                    | 100      | 1MT353                       | 250      |
| Phosphates        | PO <sub>4</sub> <sup>3-</sup> -P  | 0,06 - 1,30 mg/L P                | tablet   | 5         | 1MT186                    | 100      | 1MT354                       | 200      |
| Potassium         | K <sup>+</sup>                    | 2,00 - 15,0 mg/L                  | tablet   | 4         | 1MT168                    | 100      | 1MT340                       | 250      |
| Silica            | SiO <sub>2</sub>                  | 0,05 - 10,0 mg/L                  | tablet   | 12        | 1MT170                    | 100      | 1MT343                       | 200      |
| Silica            | SiO <sub>2</sub>                  | 5 - 150 mg/L                      | tablet   | 12        | 1MT173                    | 100      | 1MT342                       | 200      |
| Sulfates          | SO <sub>4</sub> <sup>2-</sup>     | 10 - 200 mg/L                     | tablet   | 6         | 1MT171                    | 100      | 1MT041                       | 200      |
| Sulfure           | S <sup>2-</sup>                   | 0,05 - 0,60 mg/L                  | tablet   | 6         | 1MT172                    | 100      | 1MT345                       | -        |
| Total Chlorine    | Cl <sub>2</sub>                   | 0,05 - 1,00 mg/L                  | tablet   | 4         | 1MT192                    | 100      | 1MT007                       | 250      |
| Total Chlorine    | Cl <sub>2</sub>                   | 0,50 - 6,00 mg/L                  | tablet   | 7         | 1MT192                    | 100      | 1MT007                       | 250      |
| Turbidity         | Turbi                             | 10 - 100 NTU                      | -        | 0         | -                         | -        | -                            | -        |
| Turbidity         | Turbi                             | 100 - 4000 NTU                    | -        | 0         | -                         | -        | -                            | -        |
| Zinc              | Zn <sup>2+</sup>                  | 0,10 - 4,00 mg/L                  | tablet   | 6         | 1MT043                    | 100      | 1MT346                       | 200      |

## REFERENCES

• PHOTOPOD version full SP : **NA-ORC-C-00239** • PHOTOPOD version full SP + ODEON : **NC-**

**POR-C-00264** • PHOTOPOD version full SP + PC connexion box : **NA-PPC-C-00001**