

# Photometer Reagents



## Tubetests

For ultimate convenience the Palintest range of Tubetests reagents offer pre-dispensed reagents for minimal handling with barcoded reagent labelling for ease of use in wastewater applications.

For a complete wastewater analysis system, use Palintest tubetests with any Palintest multiparameter photometer and heater block. Tubetest reagents are supplied in 16mm tubes for improved resolution, with greater sensitivity in the lower part of the measurement range.



| Test Name   | Measurement Range             | Part Code (25 tests) |
|---|-------------------------------|----------------------|
| <b>Mercury Free for Low Chloride Samples</b>            |                               |                      |
| COD/150   | 0 - 150 mg/L O <sub>2</sub>   | PL 450               |
| COD/400   | 0 - 400 mg/L O <sub>2</sub>   | PL 452               |
| COD/1000  | 0 - 1000 mg/L O <sub>2</sub>  | PL 453               |
| COD/2000  | 0 - 2000 mg/L O <sub>2</sub>  | PL 454               |
| COD/20000   | 0 - 20000 mg/L O <sub>2</sub> | PL 456               |
| <b>Containing Mercury for Moderate Chloride Samples</b> |                               |                      |
| COD/150/M   | 0 - 150 mg/L O <sub>2</sub>   | PL 460               |
| COD/400/M   | 0 - 400 mg/L O <sub>2</sub>   | PL 462               |
| COD/1000/M  | 0 - 1000 mg/L O <sub>2</sub>  | PL 463               |
| COD/2000/M  | 0 - 2000 mg/L O <sub>2</sub>  | PL 464               |
| COD/20000/M   | 0 - 20000 mg/L O <sub>2</sub> | PL 466               |
| <b>Containing Mercury for High Chloride Samples</b>     |                               |                      |
| COD/150/2M  | 0 - 150 mg/L O <sub>2</sub>   | PL 461               |
| COD/1000/2M   | 0 - 1000 mg/L O <sub>2</sub>  | PL 468               |
| COD/2000/2M   | 0 - 2000 mg/L O <sub>2</sub>  | PL 465               |
| COD/20000/2M  | 0 - 20000 mg/L O <sub>2</sub> | PL 467               |
| <b>COD Standard Solutions (COD Concentration)</b>       |                               |                      |
| <b>(Nominal COD Concentration)</b>                      |                               |                      |
| COD Standard Solution, 125 mL                           | 80 mg/L                       | PL 470               |
| COD Standard Solution, 125 mL                           | 250 mg/L                      | PL 472               |
| COD Standard Solution, 125 mL                           | 800 mg/L                      | PL 474               |
| COD Standard Solution, 125 mL                           | 10000 mg/L                    | PL 476               |

| Test Name                            | Measurement Range                            | Part Code (25 tests) |
|--------------------------------------|--|----------------------|
| <b>Nutrients</b>                     |  |                      |
| Ammonia 15N, Nessler Method          | 0 - 15 mg/L N                                | PL 420               |
| Ammonia 50N, Nessler Method          | 0 - 50 mg/L N                                | PL 424               |
| Ammonia 100N, Nessler Method         | 0 - 100 mg/L N                               | PL 425               |
| Ammonia 12N/50N, Indophenol Method   | 0 - 12 mg/L N<br>0 - 12 mg/L N               | PL 400               |
| Nitrate 30N                          | 0 - 30 mg/L N / 0 - 150 mg/L NO <sub>3</sub> | PL 404               |
| Total Nitrogen 30N (use with PL 404) | 0 - 30 mg/L N                                | PL 408               |
| Phosphate 12P                        | 0 - 12 mg/L P                                | PL 412               |
| Total Phosphorus 12P                 | 0 - 12 mg/L P                                | PL 416               |
| <b>Heavy Metals</b>                  |  |                      |
| Chromium VI (Cr <sup>6+</sup> )      | 0 - 10 mg/L Cr                               | PL 440               |
| Total Chromium                       | 0 - 10 mg/L Cr                               | PL 436               |
| Copper                               | 0 - 20 mg/L Cu                               | PL 427               |
| Iron                                 | 0 - 25 mg/L Fe                               | PL 434               |
| Nickel                               | 0 - 20 mg/L Ni                               | PL 430               |
| Zinc                                 | 0 - 7 mg/L Zn / 0 - 35 mg/L Zn               | PL 442               |

## Tubetests Accessories

|                   |   |
|-------------------|---|
| <b>PT 589</b>     | Standard Tubetests Heater, Safety Screen (PT 590), anodized aluminium heater block, power lead                        |
| <b>PT 590</b>     | Replacement safety screen for Standard Tubetests Heater   |
| <b>PT 592 UK</b>  | Premium Tubetests Heater including integrated safety screen, anodized aluminium heater block, power lead (UK adaptor) |
| <b>PT 592 EU</b>  | Premium Tubetests Heater including integrated safety screen, anodized aluminium heater block, power lead (EU adaptor) |
| <b>PT 592 USA</b> | Premium Tubetests Heater including integrated safety screen, anodized aluminium heater block, power lead (US adaptor) |

## Other Liquid Reagents

| Test Name  | Measurement Range           | Part Code (30 tests) | Part Code (1000 tests) |
|--|-----------------------------|----------------------|------------------------|
| Dissolved Oxygen 0.8   | 0 - 0.8 mg/L O <sub>2</sub> | PL 553               |                        |
| Dissolved Oxygen 2.0   | 0 - 2.0 mg/L O <sub>2</sub> | PL 503               |                        |
| Dissolved Oxygen 20  | 0 - 20 mg/L O <sub>2</sub>  | PL 513               |                        |
| Chlorine - Free (equivalent to DPD 1)                                  | 0 - 5 mg/L Cl <sub>2</sub>  |                      | AT 015                 |
| Chlorine - Total (equivalent to DPD 3). Use in conjunction with AT 015 | 0 - 5 mg/L Cl <sub>2</sub>  |                      | AT 035                 |