

# 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.

Available in packs of 25 tests, add any multiparameter photometer to your heater block and reagents for a complete wastewater analysis system.



- 6mm OD tubes for improved resolution – larger diameter tubes are more sensitive in the lower part of the measuring range
- Full range of accessory heater blocks, tube racks, workplace mats and pipettes to provide the complete solution for Tubetests® analysis
- Barcoded reagent labels for automatic test selection on the Photometer 8000 – including automatic blanking for COD testing

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, 125ml	80 mg/L	PL 470
COD Standard Solution, 125ml	250 mg/L	PL 472
COD Standard Solution, 125ml	800 mg/L	PL 474
COD Standard Solution, 125ml	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 – 50 mg/L N	PL 425
Ammonia 12N/50N, Indophenol Method	0 – 50 mg/L N 0 – 50 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)
<b>PT 598</b>	COD Lab Set (Standard Range) - Workplace mat, 2ml pipettor, 96 pipettor tips 2-5 ml, Tubetests® rack, -10 to 200°C thermometer (non-mercury type)
<b>PT 599</b>	COD Lab Set (High Range) - Workplace mat, 200µl pipettor, 96 pipettor tips 200 µl, Tubetests® rack, -10 to 200°C thermometer, (non-mercury type)

#### Other Liquid Reagents

Test Name	Measurement Range	Part Code (30 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*

\* = 1200 tests, † = 100 tests