

CHECKIT® Comparator

with continuous colour scale (Discs)

easy | low cost | precise | reliable



CHECKIT® Comparator

The AQUALYTIC® CHECKIT® Comparator is a compact, handy colorimetric unit which is suitable both for mobile and stationary analysis work. Supplied with a generous number of different colour scales, it provides the basis for a comprehensive, easy-to-use colorimetric analysis system.

The CHECKIT® Comparator D55 enables the use of large path lengths. The mirror optics makes use of the view through the entire length of the cell.

CHECKIT® Disc

Each CHECKIT® Disc contains a continuous colour scale which makes it possible to achieve an exact colour match between the colour standard and the sample. These CHECKIT® Discs are specially manufactured in selected materials to remain colour-stability over a long period and guarantee reliable, reproducible measurement results.

Instruction manuals explaining the various stages of analysis in simple, straightforward terms, are supplied with each CHECKIT® Disc.

Test Kits

Together with the CHECKIT® Comparator, each test kit includes CHECKIT® Discs, cells, stirring rod and AQUALYTIC® tablet reagents (for 30 tests) for the desired test.

The test kits are supplied in a sturdy and handy plastic case.

The operating instructions provide a step-by-step explanation of how to conduct the water test, ensuring that even "non-chemists" can achieve reliable and accurate measurements in the minimum of time.

Test Kits 2 in 1

Chlorine 0 – 1.0 mg/l Cl₂
pH value 6.5 – 8.4 pH

Order Code

147015

Chlorine 0.1 – 2.0 mg/l Cl₂
pH value 6.5 – 8.4 pH

147045

Chlorine 0 – 4.0 mg/l Cl₂
pH value 6.5 – 8.4 pH

147025

Bromine 0 – 5.0 mg/l Br
pH value 6.5 – 8.4 pH

147285

Copper 0 – 1.0 mg/l Cu
pH value 6.5 – 8.4 pH

147235

Test Kit 5 in 1

Chlorine 0 – 4.0 mg/l Cl₂
pH value 6.5 – 8.4 pH

Order Code

147028

Cyanuric acid (Turbidity method)*
20 – 200 mg/l Cys

Calcium hardness (Speed-Test)*
20 – 800 mg/l CaCO₃

Total Alkalinity (M) (Speed-Test)*
20 – 800 mg/l CaCO₃

Disc readings see following pages.

All test kits for chlorine are for "free, combined and total chlorine".

*Reagents for turbidity method and speed test (Test-Kit 5 in 1) see MINIKIT.

Testpak

The Testpak is a simple and cost-effective means of extending the use of an existing CHECKIT® Comparator instrument to a new test parameter.

Each Testpak contains the required CHECKIT® Disc, tablet reagents (normally for 30 tests), two cells, stirring rod and detailed instructions for the desired method.

Please contact our sales departments for further information: sales@aqualytic.de

| Test | Range* (Accuracy ±5% F.S.) | Order Code |
|--|---------------------------------------|------------|
| Aluminium | 0 - 0.3 mg/l Al | 147200 |
| Ammonia | 0 - 1 mg/l N | 147210 |
| Ammonia, Powder Pack | 0 - 0.5 mg/l N | 147211 |
| Bromine | 0 - 5 mg/l Br | 147280 |
| Chlorine (DPD)** free, combined, total | 0.02 - 0.3 mg/l Cl ₂ | 147000 |
| Chlorine (DPD) free, combined, total | 0 - 1 mg/l Cl ₂ | 147010 |
| Chlorine (DPD) free, combined, total | 0 - 2 mg/l Cl ₂ | 147040 |
| Chlorine, free (DPD), Powder Pack | 0 - 3.5 mg/l Cl ₂ | 147050 |
| Chlorine, total (DPD), Powder Pack | 0 - 3.5 mg/l Cl ₂ | 147051 |
| Chlorine, free + total (DPD), Powder Packs | 0 - 3.5 mg/l Cl ₂ | 147052 |
| Chlorine (DPD) free, combined, total | 0 - 4 mg/l Cl ₂ | 147020 |
| Chlorine KI | 10 - 300 mg/l Cl ₂ (total) | 147030 |
| Chlorine dioxide** | 0.01 - 0.2 mg/l ClO ₂ | 147330 |
| Copper, free (Cu ²⁺) | 0 - 1 mg/l Cu | 147230 |
| Copper HR, free + total | 0 - 5 mg/l Cu | 147430 |
| Copper HR, free, Powder Pack | 0 - 5 mg/l Cu | 147431 |
| Copper LR**, free + total | 0 - 1 mg/l Cu | 147440 |
| Copper LR**, free, Powder Pack | 0 - 1 mg/l Cu | 147441 |
| DEHA | 0 - 0.5 mg/l DEHA | 147370 |
| Fluoride, Testpak available only | 0.2 - 2 mg/l F | |
| Iron HR | 1 - 10 mg/l Fe | 147320 |
| Iron LR | 0.05 - 1 mg/l Fe | 147220 |
| Iron (TPTZ), Powder Pack | 0 - 1.8 mg/l Fe | 147470 |
| Manganese LR, Testpak available only | 0.1 - 0.7 mg/l Mn | |
| Manganese VLR, Testpak available only | 0.02 - 0.2 mg/l Mn | |
| Molybdate LR** | 0 - 10 mg/l MoO ₄ | 147291 |
| Molybdate HR | 0 - 100 mg/l MoO ₄ | 147290 |
| Molybdate HR | 50 - 500 mg/l MoO ₄ | 147295 |
| Nitrate LR, Testpak available only | 0 - 1 mg/l NO ₃ | |
| Nitrate HR | 10 - 100 mg/l NO ₃ | 147400 |
| Nitrite LR | 0 - 0.5 mg/l N | 147300 |
| Nitrite, Powder Pack | 0 - 0.3 mg/l N | 147301 |
| Ozone (DPD), in the presence of chlorine | 0 - 1.0 mg/l O ₃ | 147270 |
| Ozone (DPD) | 0 - 1.0 mg/l O ₃ | 147275 |
| pH value (Phenol red) | 6.5 - 8.4 pH | 147100 |
| pH value (Bromocresol purple) | 5.2 - 6.8 pH | 147110 |
| pH value (Bromothymol blue) | 6.0 - 7.6 pH | 147120 |
| pH value (Universal) | 4 - 10 pH | 147130 |
| Phosphate, Powder Pack | 0 - 2.5 mg/l PO ₄ | 147480 |
| Phosphate HR | 0 - 80 mg/l PO ₄ | 147250 |
| Phosphate LR | 0 - 4 mg/l PO ₄ | 147240 |
| Silica LR | 0.25 - 4 mg/l SiO ₂ | 147350 |
| Silica HR, Powder Pack | 0 - 100 mg/l SiO ₂ | 147351 |
| Silica VLR** | 0 - 1 mg/l SiO ₂ | 147360 |
| Sodiumhypochlorite | 2 - 18 % | 147490 |
| Sulfite LR | 0.5 - 10 mg/l SO ₃ | 147380 |
| Total Alkalinity | 20 - 240 mg/l CaCO ₃ | 147450 |
| Zinc LR | 0 - 1 mg/l Zn | 147340 |

* Disc readings see following pages

** Only with CHECKIT® Comparator D55 with mirror optics (path length 55 mm)

CHECKIT® Comparator

Tests | Test Kits | Testpaks | Discs | Reagents

| Test | Range | Readings (Accuracy ± 5% Full Scale) | Test Kit |
|--|---------------------------------|--|----------|
| Aluminium | 0 - 0.3 mg/l Al | 0 / 0.01 / 0.02 / 0.03 / 0.04 / 0.05 / 0.06 / 0.07 / 0.08 / 0.09 / 0.1 / 0.15 / 0.2 / 0.25 / 0.3 | 147200 |
| Ammonia | 0 - 1 mg/l N | 0 / 0.05 / 0.1 / 0.15 / 0.2 / 0.25 / 0.3 / 0.35 / 0.4 / 0.45 / 0.5 / 0.55 / 0.6 / 0.65 / 0.7 / 0.75 / 0.8 / 0.9 / 0.95 / 1.0 | 147210 |
| Ammonia VARIO | 0 - 0.5 mg/l N | 0 / 0.05 / 0.1 / 0.15 / 0.2 / 0.25 / 0.3 / 0.35 / 0.4 / 0.45 / 0.5 | 147211 |
| Bromine | 0 - 5 mg/l Br | 0 / 0.2 / 0.4 / 0.6 / 0.8 / 1.0 / 1.2 / 1.4 / 1.6 / 1.8 / 2 / 2.5 / 3 / 3.5 / 4 / 4.5 / 5 | 147280 |
| Chlorine free, combined**, total | 0 - 1 mg/l Cl ₂ | 0 / 0.05 / 0.1 / 0.15 / 0.2 / 0.25 / 0.3 / 0.35 / 0.4 / 0.45 / 0.5 / 0.55 / 0.6 / 0.65 / 0.7 / 0.75 / 0.8 / 0.85 / 0.9 / 0.95 / 1.0 | 147010 |
| Chlorine free, combined**, total | 0 - 2 mg/l Cl ₂ | 0.1 / 0.2 / 0.3 / 0.4 / 0.5 / 0.6 / 0.7 / 0.8 / 0.9 / 1.0 / 1.1 / 1.2 / 1.3 / 1.4 / 1.6 / 1.8 / 2.0 | 147040 |
| Chlorine free, combined**, total | 0 - 4 mg/l Cl ₂ | 0 / 0.2 / 0.4 / 0.6 / 0.8 / 1.0 / 1.2 / 1.4 / 1.6 / 1.8 / 2.0 / 2.5 / 3.0 / 3.5 / 4.0 | 147020 |
| Chlorine free, combined**, total | 0 - 3.5 mg/l Cl ₂ | 0 / 0.2 / 0.4 / 0.6 / 0.8 / 1 / 1.2 / 1.4 / 1.6 / 1.8 / 2 / 2.2 / 2.4 / 2.6 / 2.8 / 3 / 3.2 / 3.4 / 3.5 | 147052 |
| Chlorine free, combined**, total | 0.02 - 0.3 mg/l Cl ₂ | 0.02 / 0.03 / 0.04 / 0.05 / 0.06 / 0.07 / 0.08 / 0.09 / 0.1 / 0.11 / 0.12 / 0.13 / 0.14 / 0.15 / 0.16 / 0.17 / 0.18 / 0.19 / 0.2 / 0.22 / 0.24 / 0.26 / 0.28 / 0.3 | 147000 |

** maybe calculated by
deducting free from
total chlorine

only with CHECKIT® Comparator D55 with mirror optics (path length 55 mm)

| Testpak | Disc | Reagents | Quantity | Code |
|------------------------------|--------|---|--|--------------------|
| 147700 | 146200 | ALUMINIUM No.1 | 100 | 4515460 |
| | | | 250 | 4515461 |
| | | ALUMINIUM No.2 | 100 | 4515470 |
| | | | 250 | 4515471 |
| | | Combi pack# ALUMINIUM No.1 / No.2 | each 100 each 250 | 4517601 4517602 |
| 147710 | 146210 | AMMONIA No.1 | 100 | 4512580 |
| | | | 250 | 4512581 |
| | | AMMONIA No.2 | 100 | 4512590 |
| | | | 250 | 4512591 |
| | | Combi pack# AMMONIA No.1 / No.2 | each 100 each 250 | 4517611 4517612 |
| 147711 | 146211 | VARIO Ammonia Salicylate F10 VARIO Ammonia Cyanurate F10 | Powder Pack / 200 Powder Pack / 200 Set | 535500 |
| 147780 | 146280 | DPD No.1-RAPID* | 100 | 4511310BT |
| | | | 250 | 4511311BT |
| | | | 500 | 4511312BT |
| 147510 | 146010 | DPD No.1-RAPID* | 100 | 4511310BT |
| | | | 250 | 4511311BT |
| | | | 500 | 4511312BT |
| | | DPD No.3-RAPID* | 100 | 4511290BT |
| | | | 250 | 4511291BT |
| | | | 500 | 4511292BT |
| | | DPD No.4-RAPID* | 100 | 4511570BT |
| | | | 250 | 4511571BT |
| | | | 500 | 4511572BT |
| 147540 | 146040 | DPD No.1/3/4-RAPID* | | |
| 147520 | 146020 | DPD No.1/3/4-RAPID* | | |
| 147550,frei 147551,gesamt | 146050 | VARIO Chlorine Free DPD F5 | 100 | 530090 |
| | | VARIO Chlorine Total DPD F5 | 100 | 530080 |
| 147500 | 146000 | DPD No.1 | 100 | 4511060BT |
| | | | 250 | 4511061BT |
| | | | 500 | 4511062BT |
| | | DPD No.3 | 100 | 4511080BT |
| | | | 250 | 4511081BT |
| | | | 500 | 4511082BT |
| | | Combi pack# DPD No.1 / No.3 | each 100 each 250 | 4517711 4517712 |

CHECKIT® Comparator

Tests | Test Kits | Testpaks | Discs | Reagents

| Test | Range | Readings (Accuracy ± 5% Full Scale) | Test Kit |
|--|----------------------------------|---|----------|
| Chlorine KI total only | 10 - 300 mg/l Cl ₂ | 10 / 20 / 30 / 40 / 50 / 60 / 70 / 80 / 90 / 100 / 110 / 120 / 130 / 140 / 150 / 160 / 170 / 180 / 190 / 200 / 250 / 300 | 147030 |
| Chlorine dioxide | 0.01 - 0.2 mg/l ClO ₂ | 0.01 / 0.02 / 0.03 / 0.04 / 0.05 / 0.06 / 0.07 / 0.08 / 0.09 / 0.1 / 0.11 / 0.12 / 0.13 / 0.14 / 0.15 / 0.16 / 0.17 / 0.18 / 0.19 / 0.2 only with CHECKIT® Comparator D55 with mirror optics (path length 55 mm) | 147330 |
| Copper, free (Cu²⁺) | 0 - 1 mg/l Cu | 0 / 0.1 / 0.2 / 0.3 / 0.4 / 0.5 / 0.6 / 0.7 / 0.8 / 0.9 / 1.0 | 147230 |
| Copper HR free and total | 0 - 5 mg/l Cu | 0 / 0.5 / 1.0 / 1.5 / 2.0 / 2.5 / 3.0 / 3.5 / 4.0 / 4.5 / 5.0 | 147430 |
| Copper HR, free only | 0 - 5 mg/l Cu | 0 / 0.5 / 1 / 1.5 / 2 / 2.5 / 3 / 3.5 / 4 / 5 | 147431 |
| Copper LR free and total | 0 - 1 mg/l Cu | 0 / 0.1 / 0.2 / 0.3 / 0.4 / 0.5 / 0.6 / 0.7 / 0.8 / 0.9 / 1.0 only with CHECKIT® Comparator D55 with mirror optics (path length 55 mm) | 147440 |
| Copper LR, free only | 0 - 1 mg/l Cu | 0 / 0.05 / 0.1 / 0.15 / 0.2 / 0.25 / 0.3 / 0.35 / 0.4 / 0.45 / 0.5 / 0.6 / 0.7 / 0.8 / 0.9 / 1.0 only with CHECKIT® Comparator D55 with mirror optics (path length 55 mm) | 147441 |
| DEHA | 0 - 0.5 mg/l DEHA | 0 / 0.05 / 0.1 / 0.15 / 0.2 / 0.25 / 0.3 / 0.35 / 0.4 / 0.45 / 0.5 | 147370 |
| Fluoride Testpak available only | 0.2 - 2 mg/l F | 0.2 / 0.4 / 0.6 / 0.8 / 1.0 / 1.2 / 1.4 / 1.6 / 1.8 / 2.0 | ---- |

* RAPID: fast dissolving tablet, # no BT blister tablets, including stirring rod

| Testpak | Disc | Reagents | Quantity | Code |
|---------|--------|---|-----------------------------------|--------------------|
| 147530 | 146030 | CHLORINE HR (KI) | 100 | 4513000 |
| | | | 250 | 4513001 |
| | | ACIDIFYING GP | 100 | 4515480 |
| | | | 250 | 4515481 |
| | | Combi pack CHLORINE HR (KI)/ACIDIFYING GP | each 100 each 250 [#] | 4517721 4517722 |
| 147830 | 146330 | DPD No. 1 | 100 | 4511060BT |
| | | | 250 | 4511061BT |
| | | DPD Glycine | 100 | 4512170 |
| | | | 250 | 4512171 |
| | | Combi pack [#] DPD No.1 / GLYCINE | each 100 each 250 | 4517731 4517732 |
| 147730 | 146230 | COPPER/ZINC LR | 100 | 4512620 |
| | | | 250 | 4512621 |
| 147930 | 146430 | COPPER No. 1 | 100 | 4513550 |
| | | | 250 | 4513551 |
| | | COPPER No. 2 | 100 | 4513560 |
| | | | 250 | 4513561 |
| | | Combi pack [#] COPPER No.1 / No.2 | each 100 each 250 | 4517691 4517692 |
| 147931 | 146431 | Vario Cu1 F10 | 100 | 530300 |
| 147940 | 146440 | COPPER No. 1 | 100 | 4513550 |
| | | | 250 | 4513551 |
| | | COPPER No. 2 | 100 | 4513560 |
| | | | 250 | 4513561 |
| | | Combi pack [#] COPPER No.1 / No.2 | each 100 each 250 | 4517691 4517692 |
| 147941 | 146441 | Vario Cu1 F10 | 100 | 530300 |
| 147870 | 146370 | DEHA | 100 | 4513220 |
| | | | 250 | 4513221 |
| | | DEHA solution | 15 ml | 461185 |
| | | DEHA solution | 100 ml | 461181 |
| | | Plastic funnel with handle | 1 | 471007 |
| 147890 | 146390 | SPADNS reagent solution | 250 ml | 467481 |
| | | | 500 ml | 467482 |
| | | Help for pipette | 1 | 365055 |
| | | Pipette 2 ml | 1 | 365050 |

CHECKIT® Comparator

Tests | Test Kits | Testpaks | Discs | Reagents

| Test | Range | Readings (Accuracy ± 5% Full Scale) | Test Kit |
|--|--------------------------------|--|----------|
| Iron LR | 0 - 1 mg/l Fe | 0.05 / 0.1 / 0.15 / 0.2 / 0.25 / 0.3 / 0.35 / 0.4 / 0.45 / 0.5 / 0.55 / 0.6 / 0.65 / 0.7 / 0.75 / 0.8 / 0.9 / 1.0 | 147220 |
| Iron HR | 1 - 10 mg/l Fe | 1 / 1.5 / 2 / 2.5 / 3 / 3.5 / 4 / 4.5 / 5 / 5.5 / 6 / 6.5 / 7 / 7.5 / 8 / 8.5 / 9 / 10 | 147320 |
| Iron (TPTZ) | 0 - 1.8 mg/l Fe | 0.1 / 0.2 / 0.3 / 0.4 / 0.5 / 0.6 / 0.7 / 0.8 / 0.9 / 1 / 1.1 / 1.2 / 1.3 / 1.4 / 1.5 / 1.6 / 1.7 / 1.8 | 147470 |
| Manganese LR Testpak available only | 0.1 - 0.7 mg/l Mn | 0.1 / 0.15 / 0.2 / 0.25 / 0.3 / 0.35 / 0.4 / 0.45 / 0.5 / 0.55 / 0.6 / 0.65 / 0.7 | ----- |
| Manganese VLR Testpak available only | 0.02 - 0.2 mg/l Mn | 0.02 / 0.03 / 0.04 / 0.05 / 0.06 / 0.07 / 0.08 / 0.09 / 0.1 / 0.11 / 0.12 / 0.13 / 0.14 / 0.15 / 0.16 / 0.18 / 0.2 | ----- |
| only with CHECKIT® Comparator D55 with mirror optics (path length 55 mm) | | | |
| Molybdate HR | 0 - 100 mg/l MoO ₄ | 0 / 5 / 10 / 15 / 20 / 25 / 30 / 35 / 40 / 45 / 50 / 55 / 60 / 65 / 70 / 75 / 80 / 85 / 90 / 95 / 100 | 147290 |
| Molybdate HR | 50 - 500 mg/l MoO ₄ | 50 / 100 / 150 / 200 / 250 / 300 / 500 | 147295 |
| Molybdate LR | 0 - 10 mg/l MoO ₄ | 0 / 1 / 2 / 3 / 4 / 5 / 6 / 7 / 8 / 9 / 10 | 147291 |
| only with CHECKIT® Comparator D55 with mirror optics (path length 55 mm) | | | |

* RAPID: fast dissolving tablet, # no BT blister tablets, including stirring rod

| Testpak | Disc | Reagents | Quantity | Code |
|---|----------|---------------------------------|----------|---------|
| 147720 | 146220 | IRON LR | 100 | 4515370 |
| | | | 250 | 4515371 |
| | | IRON (II) LR | 100 | 4515420 |
| 147820 | 146320 | IRON HR | 100 | 4515380 |
| | | | 250 | 4515381 |
| 147970 | 146470 | Vario Iron TPTZ F10 | 100 | 530550 |
| 147910 | 146410 | VARIO Manganese Reagent, LR F10 | 1 Set | 535090 |
| | | consists of: | | |
| | | VARIO Alkaline-Cyanide Solution | 60 ml | |
| | | Vario Ascorbic Acid | 100 | |
| | | Vario PAN Indicator Solution | 60 ml | |
| Accessories: | | | | |
| VARIO Rochelle Salt Solution | 30 ml | 530640 | | |
| needs for samples with hardness values above 300 mg/l CaCO ₃ | | | | |
| 147920 | 146420 | VARIO Manganese Reagent, LR F10 | 1 Set | 535090 |
| | | consists of: | | |
| | | VARIO Alkaline-Cyanide Solution | 60 ml | |
| | | Vario Ascorbic Acid | 100 | |
| | | Vario PAN Indicator Solution | 60 ml | |
| Accessories: | | | | |
| VARIO Rochelle Salt Solution | 30 ml | 530640 | | |
| needs for samples with hardness values above 300 mg/l CaCO ₃ | | | | |
| 147790 | 146290 | MOLYBDATE No. 1 HR | 100 | 4513060 |
| | | | 250 | 4513061 |
| | | MOLYBDATE No. 2 HR | 100 | 4513070 |
| | | | 250 | 4513071 |
| | | Combi pack [#] | each 100 | 4517631 |
| MOLYBDATE No.1 HR / No.2 HR | each 250 | 4517632 | | |
| 147795 | 146295 | MOLYBDATE No. 1 HR | 100 | 4513060 |
| | | | 250 | 4513061 |
| | | MOLYBDATE No. 2 HR | 100 | 4513070 |
| | | | 250 | 4513071 |
| | | Combi pack [#] | each 100 | 4517631 |
| MOLYBDATE No.1 HR / No.2 HR | each 250 | 4517632 | | |
| 147791 | 146291 | MOLYBDATE No. 1 HR | 100 | 4513060 |
| | | | 250 | 4513061 |
| | | MOLYBDATE No. 2 HR | 100 | 4513070 |
| | | | 250 | 4513071 |
| | | Combi pack [#] | each 100 | 4517631 |
| MOLYBDATE No.1 HR / No.2 HR | each 250 | 4517632 | | |

CHECKIT® Comparator

Tests | Test Kits | Testpaks | Discs | Reagents

| Test | Range | Readings (Accuracy ± 5% Full Scale) | Test Kit |
|---|-------------------------------|---|----------|
| Nitrate HR | 10 - 100 mg/l NO ₃ | 10 / 20 / 30 / 40 / 50 / 60 / 70 / 80 / 90 / 100 | 147400 |
| Nitrate LR Testpak available only | 0 - 1 mg/l N | 0 / 0.1 / 0.2 / 0.3 / 0.4 / 0.5 / 0.6 / 0.7 / 0.8 / 0.9 / 1.0 | ---- |
| Nitrite LR | 0 - 0.5 mg/l N | 0 / 0.05 / 0.1 / 0.15 / 0.2 / 0.25 / 0.3 / 0.35 / 0.4 / 0.45 / 0.5 | 147300 |
| Nitrite VARIO | 0 - 0.3 mg/l N | 0 / 0.01 / 0.02 / 0.03 / 0.04 / 0.05 / 0.06 / 0.07 / 0.08 / 0.09 / 0.10 / 0.11 / 0.12 / 0.13 / 0.14 / 0.15 / 0.16 / 0.17 / 0.18 / 0.19 / 0.20 / 0.21 / 0.22 / 0.23 / 0.24 / 0.25 / 0.26 / 0.27 / 0.28 / 0.29 / 0.30 | 147301 |
| Ozone (DPD) in the presence of chlorine | 0 - 1.0 mg/l O ₃ | 0 / 0.05 / 0.1 / 0.15 / 0.2 / 0.25 / 0.3 / 0.35 / 0.4 / 0.45 / 0.5 / 0.55 / 0.6 / 0.65 / 0.7 / 0.75 / 0.8 / 0.9 / 1.0 | 147270 |
| Ozone (DPD) | 0 - 1.0 mg/l O ₃ | 0 / 0.05 / 0.1 / 0.15 / 0.2 / 0.25 / 0.3 / 0.35 / 0.4 / 0.45 / 0.5 / 0.55 / 0.6 / 0.65 / 0.7 / 0.75 / 0.8 / 0.9 / 1.0 | 147275 |
| pH | 5.2 - 6.8 pH | 5.2 / 5.3 / 5.4 / 5.5 / 5.6 / 5.7 / 5.8 / 5.9 / 6.0 / 6.1 / 6.2 / 6.3 / 6.4 / 6.5 / 6.6 / 6.7 / 6.8 | 147110 |
| | 6.0 - 7.6 pH | 6.0 / 6.1 / 6.2 / 6.3 / 6.4 / 6.5 / 6.6 / 6.7 / 6.8 / 6.9 / 7.0 / 7.1 / 7.2 / 7.3 / 7.4 / 7.5 / 7.6 | 147120 |
| | 6.5 - 8.4 pH | 6.5 / 6.6 / 6.7 / 6.8 / 6.9 / 7.0 / 7.1 / 7.2 / 7.3 / 7.4 / 7.5 / 7.6 / 7.7 / 7.8 / 7.9 / 8.0 / 8.1 / 8.2 / 8.3 / 8.4 | 147100 |
| pH-Universal | 4 - 10 pH | 4 / 4.5 / 5 / 5.5 / 6 / 6.5 / 7 / 7.5 / 8 / 8.5 / 9 / 9.5 / 10 | 147130 |
| Phosphate HR | 0 - 80 mg/l PO ₄ | 0 / 5 / 10 / 15 / 20 / 25 / 30 / 35 / 40 / 45 / 50 / 55 / 60 / 65 / 70 / 75 / 80 | 147250 |
| Phosphate LR | 0 - 4 mg/l PO ₄ | 0 / 0.25 / 0.5 / 0.75 / 1.0 / 1.25 / 1.5 / 1.75 / 2.0 / 2.25 / 2.5 / 2.75 / 3.0 / 3.25 / 3.5 / 3.75 / 4.0 | 147240 |

* RAPID: fast dissolving tablet, # no BT blister tablets, including stirring rod

| Testpak | Disc | Reagents | Quantity | Code |
|---------|----------|--|-------------------|-----------|
| 147900 | 146400 | NITRACHECK No. 1 | 100 | 4517500 |
| | | | 250 | 4517501 |
| | | NITRACHECK No. 2 | 100 | 4517510 |
| | | | 250 | 4517511 |
| | | Combi pack# NITRACHECK No.1 / No.2 | each 100 | 4517701 |
| | | | each 250 | 4517702 |
| 147810 | 146310 | NITRITE LR | 100 | 4512310 |
| | | | 250 | 4512311 |
| | | NITRATE-Test tablets | 100 (bottle) | 502810 |
| | | NITRATE Test powder | 15 g | 465230 |
| | | NITRATE Test tube | 1 | 366220 |
| 147800 | 146300 | NITRITE LR | 100 | 4512310 |
| | | | 250 | 4512311 |
| 147801 | 146301 | VARIO Nitri 3 F10 | Powder Pack / 100 | 530980 |
| 147770 | 146270 | DPD No. 4 | 100 | 4511220BT |
| | | | 250 | 4511221BT |
| | | DPD Glycine | 100 | 4512170 |
| | | | 250 | 4512171 |
| 147775 | 146275 | DPD No. 4 | 100 | 4511220BT |
| | | | 250 | 4511221BT |
| 147610 | 146110 | BROMOCRESOL PURPLE | 100 | 4511730 |
| 147620 | 146120 | BROMOTHYMOL BLUE | 250 | 4511731 |
| | | | 100 | 4511640 |
| 147600 | 146100 | PHENOL RED-RAPID* | 250 | 4511641 |
| | | | 100 | 4511790BT |
| | | | 250 | 4511791BT |
| 147630 | 146130 | UNIVERSAL PH | 100 | 4515440 |
| | | | 250 | 4515441 |
| 147750 | 146250 | PHOSPHATE HR | 100 | 4511980 |
| | | | 250 | 4511981 |
| 147740 | 146240 | PHOSPHATE No. 1 LR | 100 | 4513040 |
| | | | 250 | 4513041 |
| | | PHOSPHATE No. 2 LR | 100 | 4513050 |
| | | | 250 | 4513051 |
| | | Combi pack# PHOSPHATE No.1 LR / No.2 LR | each 100 | 4517651 |
| | each 200 | 4517652 | | |

CHECKIT® Comparator

Tests | Test Kits | Testpaks | Discs | Reagents

| Test | Range | Readings (Accuracy ± 5% Full Scale) | Test Kit |
|---------------------------|---|---|----------|
| Phosphate | 0 - 2.5 mg/l PO ₄ | 0 / 0.1 / 0.2 / 0.3 / 0.4 / 0.5 / 0.6 / 0.7 / 0.8 / 0.9 / 1 / 1.1 / 1.2 / 1.3 / 1.4 / 1.5 / 1.6 / 1.7 / 1.8 / 1.9 / 2 / 2.1 / 2.2 / 2.3 / 2.4 / 2.5 | 147480 |
| Silica LR | 0.25 - 4 mg/l SiO ₂ | 0.25 / 0.5 / 0.75 / 1.0 / 1.25 / 1.5 / 1.75 / 2.0 / 2.5 / 3.0 / 3.5 / 4 | 147350 |
| Silica HR VARIO | 0 - 100 mg/l SiO ₂ | 0 / 10 / 20 / 30 / 40 / 50 / 60 / 70 / 80 / 90 / 100 | 147351 |
| Silica VLR | 0 - 1 mg/l SiO ₂ | 0 / 0.05 / 0.1 / 0.15 / 0.2 / 0.25 / 0.3 / 0.35 / 0.4 / 0.45 / 0.5 / 0.6 / 0.7 / 0.8 / 0.9 / 1.0 | 147360 |
| Sodiumhypochlorite | 2 - 18 % | 2 / 3 / 4 / 5 / 6 / 7 / 8 / 9 / 10 / 11 / 12 / 13 / 14 / 15 / 16 / 18 | 147490 |
| Sulfite LR | 0.5 - 10 mg/l SO ₃ ²⁻ | 0.5 / 1 / 1.5 / 2 / 2.5 / 3 / 3.5 / 4 / 4.5 / 5 / 6 / 7 / 8 / 9 / 10 | 147380 |
| Total Alkalinity | 20 - 240 mg/l CaCO ₃ | 20 / 30 / 40 / 50 / 60 / 70 / 80 / 90 / 100 / 110 / 120 / 130 / 140 / 150 / 160 / 170 / 180 / 190 / 200 / 220 / 240 | 147450 |
| Zinc LR | 0 - 1 mg/l Zn | 0 / 0.1 / 0.2 / 0.3 / 0.4 / 0.5 / 0.6 / 0.7 / 0.8 / 0.9 / 1.0 | 147340 |

* RAPID: fast dissolving tablet, # no BT blister tablets, including stirring rod

| Testpak | Disc | Reagents | Quantity | Code |
|---------|--------|-------------------------------------|-------------------|---------|
| 147980 | 146480 | Vario PHOS 3 F10 | 100 | 531550 |
| 147850 | 146350 | SILICA No. 1 | 100 | 4513130 |
| | | | 250 | 4513131 |
| | | SILICA No. 2 | 100 | 4513140 |
| | | | 250 | 4513141 |
| | | Combi pack# | each 100 | 4517671 |
| | | SILICA No.1 / No.2 | each 200 | 4517672 |
| | | SILICA PR | 100 | 4513150 |
| | | | 250 | 4513151 |
| 147851 | 146351 | Vario Silica HR Molybdate F10 | Powder Pack / 100 | 535700 |
| | | Vario Silica HR Acid Rgt F10 | Powder Pack / 100 | |
| | | Vario Silica HR Citric Acid F10 | Powder Pack / 100 | |
| | | Set | | |
| 147860 | 146360 | SILICA No. 1 | 100 | 4513130 |
| | | | 250 | 4513131 |
| | | SILICA No. 2 | 100 | 4513140 |
| | | | 250 | 4513141 |
| | | Combi pack# | each 100 | 4517671 |
| | | SILICA No.1 / No.2 | each 200 | 4517672 |
| | | SILICA PR | 100 | 4513150 |
| | | | 250 | 4513151 |
| 147990 | 146490 | CHLORINE HR (KI) | 100 | 4513000 |
| | | | 250 | 4513001 |
| | | ACIDIFYING GP | 100 | 4515480 |
| | | | 250 | 4515481 |
| | | Combi pack# | each 100 | 4517721 |
| | | CHLORINE HR (KI)/ACIDIFYING GP | each 250 | 4517722 |
| | | Dilution set for sample preparation | 1 | 414470 |
| 147880 | 146380 | SULFITE LR | 100 | 4518020 |
| 147950 | 146450 | ALKACHECK | 100 | 4513200 |
| | | | 250 | 4513201 |
| 147840 | 146340 | COPPER/ZINC LR | 100 | 4512620 |
| | | | 250 | 4512621 |
| | | EDTA | 100 | 4512390 |
| | | | 250 | 4512391 |
| | | DECHLOR | 100 | 4512350 |
| | | | 250 | 4512351 |