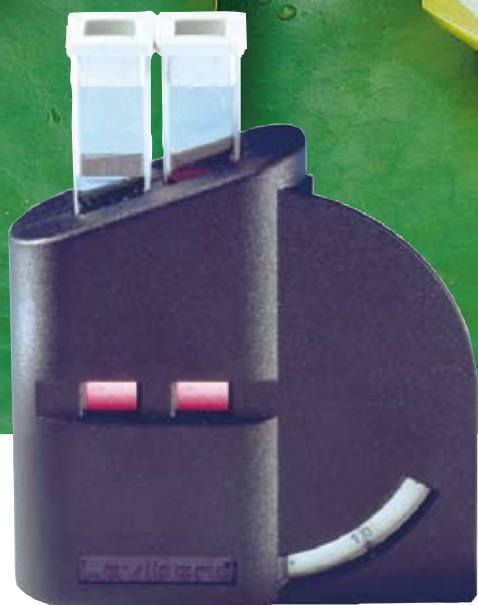


## CHECKIT® Comparator

### Highlights

- Easy operation and exact reagent dosing
- High accuracy
- Tablet reagents with a minimum guaranteed shelf life of 5/10 years
- Unrestricted shipment
- Safe storage



### Discs with continuous colour scale

- low cost
- precise
- reliable



Front view of the CHECKIT® Comparator with cells



Test Kit complete in case



Plastic cells, frosted on two sides, volume 10 ml, path length 13.5 mm, with lid



Rear view of the CHECKIT® Comparator with disc, diffuser and cells



CHECKIT® Discs with continuous colour scales



Tablet reagents in foil blister strip

## CHECKIT® Comparator

The Lovibond® 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.

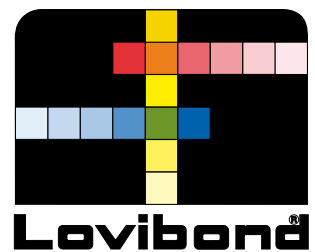
## Applications

- Water Treatment  
(e.g. Drinking Water)
- Pools
- Laboratory and Field Testing
- Special Applications

# CHECKIT® Comparator

Regular  
Testing to  
observe the  
Water Quality





## Test Kits

Together with the CHECKIT® Comparator, each test kit includes CHECKIT® Discs, cells, stirring rod and Lovibond® 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	Code
<b>Chlorine</b> 0 – 1.0 mg/l Cl <sub>2</sub>	14 70 15
<b>pH value</b> 6.5 – 8.4 pH	
Pool version	14 70 16
<b>Chlorine</b> 0.1 – 2.0 mg/l Cl <sub>2</sub>	14 70 45
<b>pH value</b> 6.5 – 8.4 pH	
Pool version	14 70 46
<b>Chlorine</b> 0 – 4.0 mg/l Cl <sub>2</sub>	14 70 25
<b>pH value</b> 6.5 – 8.4 pH	
Pool version	14 70 26
<b>Bromine</b> 0 – 5.0 mg/l Br	14 72 85
<b>pH value</b> 6.5 – 8.4 pH	
<b>Copper</b> 0 – 1.0 mg/l Cu	14 72 35
<b>pH value</b> 6.5 – 8.4 pH	

Test-Kit 5 in 1	Code
<b>Chlorine</b> 0 – 4.0 mg/l Cl <sub>2</sub>	14 70 28
<b>pH value</b> 6.5 – 8.4 pH	
<b>Cyanuric acid</b> (Turbidity method)*	
20 – 200 mg/l Cys	
<b>Calcium hardness</b> (Speed-Test)*	
20 – 800 mg/l CaCO <sub>3</sub>	
<b>Total Alkalinity (M)</b> (Speed-Test)*	
20 – 800 mg/l CaCO <sub>3</sub>	

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.



Test	Range* (Accuracy ±5% F.S.)	Code
<b>Aluminium</b>	0 - 0.3 mg/l Al	14 72 00
<b>Ammonia</b>	0 - 1 mg/l N	14 72 10
<b>Ammonia, Powder Pack</b>	0 - 0.5 mg/l N	14 72 11
<b>Bromine</b>	0 - 5 mg/l Br	14 72 80
<b>Chlorine (DPD)** free, combined, total</b>	0.02 - 0.3 mg/l Cl <sub>2</sub>	14 70 00
<b>Chlorine (DPD) free, combined, total</b>	0 - 1 mg/l Cl <sub>2</sub>	14 70 10
<b>Chlorine (DPD) free, combined, total</b>	0 - 2 mg/l Cl <sub>2</sub>	14 70 40
<b>Chlorine, free (DPD), Powder Pack</b>	0 - 3.5 mg/l Cl <sub>2</sub>	14 70 50
<b>Chlorine, total (DPD), Powder Pack</b>	0 - 3.5 mg/l Cl <sub>2</sub>	14 70 51
<b>Chlorine, free + total (DPD), Powder Packs</b>	0 - 3.5 mg/l Cl <sub>2</sub>	14 70 52
<b>Chlorine (DPD) free, combined, total</b>	0 - 4 mg/l Cl <sub>2</sub>	14 70 20
<b>Chlorine KI</b>	10 - 300 mg/l Cl <sub>2</sub> (total)	14 70 30
<b>Chlorine dioxide**</b>	0.01 - 0.2 mg/l ClO <sub>2</sub>	14 73 30
<b>Copper, free (Cu<sup>2+</sup>)</b>	0 - 1 mg/l Cu	14 72 30
<b>Copper HR, free + total</b>	0 - 5 mg/l Cu	14 74 30
<b>Copper HR, free, Powder Pack</b>	0 - 5 mg/l Cu	14 74 31
<b>Copper LR**, free + total</b>	0 - 1 mg/l Cu	14 74 40
<b>Copper LR**, free, Powder Pack</b>	0 - 1 mg/l Cu	14 74 41
<b>DEHA</b>	0 - 0.5 mg/l DEHA	14 73 70
<b>Fluoride, Testpak available only</b>	0.2 - 2 mg/l F	
<b>Iron HR</b>	1 - 10 mg/l Fe	14 73 20
<b>Iron LR</b>	0.05 - 1 mg/l Fe	14 72 20
<b>Iron (TPTZ), Powder Pack</b>	0 - 1.8 mg/l Fe	14 74 70
<b>Manganese LR, Testpak available only</b>	0.1 - 0.7 mg/l Mn	
<b>Manganese VLR, Testpak available only</b>	0.02 - 0.2 mg/l Mn	
<b>Molybdate LR**</b>	0 - 10 mg/l MoO <sub>4</sub>	14 72 91
<b>Molybdate HR</b>	0 - 100 mg/l MoO <sub>4</sub>	14 72 90
<b>Molybdate HR</b>	50 - 500 mg/l MoO <sub>4</sub>	14 72 95
<b>Nitrate LR, Testpak available only</b>	0 - 1 mg/l NO <sub>3</sub>	
<b>Nitrate HR</b>	10- 100 mg/l NO <sub>3</sub>	14 74 00
<b>Nitrite LR</b>	0- 0.5 mg/l N	14 73 00
<b>Nitrite, Powder Pack</b>	0 - 0.3 mg/l N	14 73 01
<b>Ozone (DPD)</b>	0 - 0.7 mg/l O <sub>3</sub>	14 72 70
<b>Ozone (DPD)</b>	0 - 1.0 mg/l O <sub>3</sub>	14 72 75
<b>pH value (Phenol red)</b>	6.5 - 8.4 pH	14 71 00
<b>pH value (Bromocresol purple)</b>	5.2 - 6.8 pH	14 71 10
<b>pH value (Bromothymol blue)</b>	6.0 - 7.6 pH	14 71 20
<b>pH value (Universal)</b>	4 - 10 pH	14 71 30
<b>Phosphate, Powder Pack</b>	0 - 2.5 mg/l PO <sub>4</sub>	14 74 80
<b>Phosphate HR</b>	0 - 80 mg/l PO <sub>4</sub>	14 72 50
<b>Phosphate LR</b>	0 - 4 mg/l PO <sub>4</sub>	14 72 40
<b>Silica LR</b>	0.25 - 4 mg/l SiO <sub>2</sub>	14 73 50
<b>Silica HR, Powder Pack</b>	0 - 100 mg/l SiO <sub>2</sub>	14 73 51
<b>Silica VLR**</b>	0 - 1 mg/l SiO <sub>2</sub>	14 73 60
<b>Sodiumhypochlorite</b>	2 - 18 %	14 74 90
<b>Sulfite LR</b>	0.5 - 10 mg/l SO <sub>3</sub>	14 73 80
<b>Total Alkalinity</b>	20 - 240 mg/l CaCO <sub>3</sub>	14 74 50
<b>Zinc LR</b>	0 - 1 mg/l Zn	14 73 40

\* Disc readings see following pages

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

## 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.

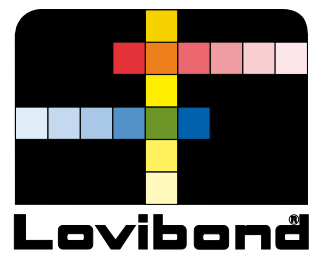
Please contact our sales departments for further information: [sales@tintometer.de](mailto:sales@tintometer.de)

## CHECKIT® Comparator

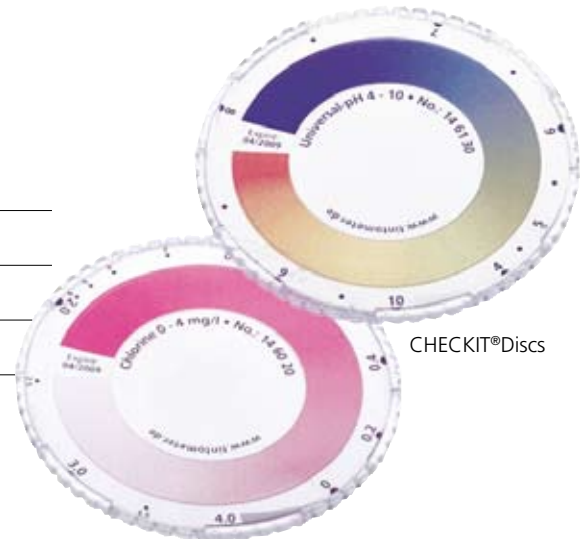
### Tests, Test Kits, Testpaks, Discs, Reagents

Test	Range	Readings (Accuracy ± 5% Full Scale)	Test Kit	Testpak
<b>Aluminium</b>	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	14 72 00	14 77 00
<b>Ammonia</b>	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	14 72 10	14 77 10
<b>Ammonia Vario</b>	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	14 72 11	14 77 11
<b>Bromine</b>	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	14 72 80	14 77 80
<b>Chlorine</b> free, combined**, total	0 - 1 mg/l Cl <sub>2</sub>	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	14 70 10	14 75 10
	0 - 2 mg/l Cl <sub>2</sub>	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	14 70 40	14 75 40
	0 - 3.5 mg/l Cl <sub>2</sub>	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	14 70 52	14 75 50, free 14 75 51, total
	0 - 4 mg/l Cl <sub>2</sub>	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	14 70 20	14 75 20
	0,02 - 0,3 mg/l Cl <sub>2</sub>	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	14 70 00	14 75 00
** may be calculated by deducting free from total chlorine		Only with CHECKIT® Comparator D55 with mirror optics (path length 55 mm)		
<b>Chlorine HR</b> total only	10 - 300 mg/l Cl <sub>2</sub>	10 / 20 / 30 / 40 / 50 / 60 / 70 / 80 / 90 / 100 / 110 / 120 / 130 / 140 / 150 / 160 / 170 / 180 / 190 / 200 / 250 / 300	14 70 30	14 75 30
<b>Chlorine dioxide</b>	0.01 - 0.2 mg/l ClO <sub>2</sub>	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	14 73 30	14 78 30
		Only with CHECKIT® Comparator D55 with mirror optics (path length 55 mm)		

\* RAPID: fast dissolving tablet, # no BT blister tablets, including stirring rod, 10 cm



Disc	Reagents	Quantity	Code
14 62 00	ALUMINIUM No.1	100	51 54 60
		250	51 54 61
	ALUMINIUM No.2	100	51 54 70
		250	51 54 71
	Combi pack#	each 100	51 76 01
	ALUMINIUM No.1 / No.2	each 250	51 76 02
14 62 10	AMMONIA No.1	100	51 25 80
		250	51 25 81
	AMMONIA No.2	100	51 25 90
		250	51 25 91
	Combi pack#	each 100	51 76 11
	AMMONIA No.1 / No.2	each 250	51 76 12
14 62 11	VARIO Ammonia Salicylate F10 Powder Pack / 200		
	VARIO Ammonia Cyanurate F10 Powder Pack / 200		
	<b>Set</b>		53 55 00
14 62 80	DPD No.1-RAPID*	100	51 13 10 BT
		250	51 13 11 BT
		500	51 13 12 BT
14 60 10	DPD No.1-RAPID*	100	51 13 10 BT
		250	51 13 11 BT
		500	51 13 12 BT
	DPD No.3-RAPID*	100	51 12 90 BT
		250	51 12 91 BT
		500	51 12 92 BT
	DPD No.4-RAPID*	100	51 15 70 BT
		250	51 15 71 BT
		500	51 15 72 BT
14 60 40	DPD No.1/3/4-RAPID*		
14 60 50	VARIO Chlorine Free DPD F5	100	53 00 90
	VARIO Chlorine Total DPD F5	100	53 00 80
14 60 20	DPD No.1/3/4-RAPID*		
14 60 00	DPD No.1	100	51 10 60 BT
		250	51 10 61 BT
		500	51 10 62 BT
	DPD No.3	100	51 10 80 BT
		250	51 10 81 BT
		500	51 10 82 BT
	Combi pack#	each 100	51 77 11
	DPD No.1 / No.3	each 250	51 77 12
14 60 30	CHLORINE HR (KI)	100	51 30 00
		250	51 30 01
	ACIDIFYING GP	100	51 54 80
		250	51 54 81
	Combi pack#	each 100	51 77 21
	CHLORINE HR (KI)/ACIDIFYING GP	each 250	51 77 22
14 63 30	DPD No. 1	100	51 10 60 BT
		250	51 10 61 BT
	DPD Glycine	100	51 21 70
		250	51 21 71
	Combi pack#	each 100	51 77 31
	DPD No.1 / GLYCINE	each 250	51 77 32



CHECKIT® Discs

Material Safety Data Sheets: [www.tintometer.com](http://www.tintometer.com)

## CHECKIT® Comparator

### Test-Kits, TESTPAKS, CHECKIT® Discs and Reagents

Test	Range	Readings (Accuracy ± 5% Full Scale)	Test Kit	Testpak
<b>Copper</b> , free (Cu <sup>2+</sup> )	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	14 72 30	14 77 30
<b>Copper HR</b> 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	14 74 30	14 79 30
<b>Copper HR</b> , free only	0 - 5 mg/l Cu	0 / 0.5 / 1 / 1.5 / 2 / 2.5 / 3 / 3.5 / 4 / 5	14 74 31	14 79 31
<b>Copper LR</b> 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	14 74 40	14 79 40
<b>Copper LR</b> , free only	0 - 1 mg/l Cu	Only with CHECKIT® Comparator D55 with mirror optics (path length 55 mm) 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	14 74 41	14 79 41
<b>DEHA</b>	0 - 0.5 mg/l DEHA	Only with CHECKIT® Comparator D55 with mirror optics (path length 55 mm) 0 / 0.05 / 0.1 / 0.15 / 0.2 / 0.25 / 0.3 / 0.35 / 0.4 / 0.45 / 0.5	14 73 70	14 78 70
<b>Fluoride</b> 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	-----	14 78 90
<b>Iron LR</b>	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	14 72 20	14 77 20
<b>Iron HR</b>	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	14 73 20	14 78 20
<b>Iron (TPTZ)</b>	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	14 74 70	14 79 70
<b>Manganese LR</b> 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 / 0.7	-----	14 79 10
<b>Manganese VLR</b> 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	-----	14 79 20

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

\* RAPID: fast dissolving tablet, # no BT blister tablets, including stirring rod, 10 cm

Disc	Reagents	Quantity	Code
14 62 30	COPPER/ZINC LR	100	51 26 20
		250	51 26 21
14 64 30	COPPER No. 1	100	51 35 50
		250	51 35 51
	COPPER No. 2	100	51 35 60
		250	51 35 61
	Combi pack#	each 100	51 76 91
COPPER No.1 / No.2	each 250	51 76 92	
14 64 31	Vario Cu1 F10	100	53 03 00
14 64 40	COPPER No. 1	100	51 35 50
		250	51 35 51
	COPPER No. 2	100	51 35 60
		250	51 35 61
	Combi pack#	each 100	51 76 91
COPPER No.1 / No.2	each 250	51 76 92	
14 64 41	Vario Cu1 F10	100	53 03 00
14 63 70	DEHA	100	51 32 20
		250	51 32 21
	DEHA solution	15 ml	46 11 85
	DEHA solution	100 ml	46 11 81
	Plastic funnel with handle	1	47 10 07
14 63 90	SPADNS reagent solution	250 ml	46 74 81
	Help for pipette	1	36 50 55
	Pipette 2 ml	1	36 50 50
14 62 20	IRON LR	100	51 53 70
		250	51 53 71
	IRON (II) LR	100	51 54 20
14 63 20	IRON HR	100	51 53 80
		250	51 53 81
14 64 70	Vario Iron TPTZ F10	100	53 05 50
14 64 10	VARIO Manganese Reagent, LR F10	1 set	53 50 90
	consists of:		
	VARIO Alkaline-Cyanide Solution	50 ml	
	Vario Ascorbic Acid	100	
	Vario PAN Indicator Solution	50 ml	
	Accessories:		
	VARIO Rochelle Salt Solution	30 ml	53 06 40
needs for samples with hardness values above 300 mg/l CaCO <sub>3</sub>			
14 64 20	VARIO Manganese Reagent, LR F10	1 set	53 50 90
	consists of:		
	VARIO Alkaline-Cyanide Solution	50 ml	
	Vario Ascorbic Acid	100	
	Vario PAN Indicator Solution	50 ml	
	Accessories:		
	VARIO Rochelle Salt Solution	30 ml	53 06 40
needs for samples with hardness values above 300 mg/l CaCO <sub>3</sub>			



Test Kit complete in case



## CHECKIT® Comparator

### Test-Kits, TESTPAKS, CHECKIT® Discs and Reagents

Test	Range	Readings (Accuracy ± 5% Full Scale)	Test Kit	Testpak
<b>Molybdate HR</b>	0 - 100 mg/l MoO <sub>4</sub>	0 / 5 / 10 / 15 / 20 / 25 / 30 / 35 / 40 / 45 / 50 / 55 / 60 / 65 / 70 / 75 / 80 / 85 / 90 / 95 / 100	14 72 90	14 77 90
<b>Molybdate HR</b>	50 - 500 mg/l MoO <sub>4</sub>	50 / 100 / 150 / 200 / 250 / 300 / 500	14 72 95	14 77 95
<b>Molybdate LR</b>	0 - 10 mg/l MoO <sub>4</sub>	0 / 1 / 2 / 3 / 4 / 5 / 6 / 7 / 8 / 9 / 10	14 72 91	14 77 91
<b>Nitrate HR</b>	10 - 100 mg/l NO <sub>3</sub>	Only with CHECKIT® Comparator D55 with mirror optics (path length 55 mm) 10 / 20 / 30 / 40 / 50 / 60 / 70 / 80 / 90 / 100	14 74 00	14 79 00
<b>Nitrate LR</b> 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	----	14 78 10
<b>Nitrite LR</b>	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	14 73 00	14 78 00
<b>Nitrite Vario</b>	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	14 73 01	14 78 01
<b>Ozone (DPD)</b>	0 - 0.7 mg/l O <sub>3</sub>	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	14 72 70	14 77 70
<b>Ozone (DPD)</b>	0 - 1.0 mg/l O <sub>3</sub>	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	14 72 75	14 77 75
<b>pH value</b>	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	14 71 10	14 76 10
	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	14 71 20	14 76 20
	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	14 71 00	14 76 00
<b>pH universal</b>	4 - 10 pH	4 / 4.5 / 5 / 5.5 / 6 / 6.5 / 7 / 7.5 / 8 / 8.5 / 9 / 9.5 / 10	14 71 30	14 76 30

\* RAPID: fast dissolving tablet, # no BT blister tablets, including stirring rod, 10 cm

Disc	Reagents	Quantity	Code
14 62 90	MOLYBDATE No. 1 HR	100	51 30 60
		250	51 30 61
	MOLYBDATE No. 2 HR	100	51 30 70
		250	51 30 71
	Combi pack#	each 100	51 76 31
	MOLYBDATE No.1 HR / No.2 HR	each 250	51 76 32
14 62 95	MOLYBDATE No. 1 HR	100	51 30 60
		250	51 30 61
	MOLYBDATE No. 2 HR	100	51 30 70
		250	51 30 71
	Combi pack#	each 100	51 76 31
	MOLYBDATE No.1 HR / No.2 HR	each 250	51 76 32
14 62 91	MOLYBDATE No. 1 HR	100	51 30 60
		250	51 30 61
	MOLYBDATE No. 2 HR	100	51 30 70
		250	51 30 71
	Combi pack#	each 100	51 76 31
	MOLYBDATE No.1 HR / No.2 HR	each 250	51 76 32
14 64 00	NITRACHECK No. 1	100	51 75 00
		250	51 75 01
	NITRACHECK No. 2	100	51 75 10
		250	51 75 11
	Combi pack#	each 100	51 77 01
	NITRACHECK No.1 / No.2	each 250	51 77 02
14 63 10	NITRITE LR	100	51 23 10
		250	51 23 11
	NITRATE-Test tablets	100 (bottle)	50 28 10
	NITRATE Test powder	15 g	46 52 30
	NITRATE Test tube	1	36 62 20
14 63 00	NITRITE LR	100	51 23 10
		250	51 23 11
14 63 01	VARIO Nitri 3 F10	Powder Pack / 100	53 09 80
14 62 70	DPD No. 4-RAPID*	100	51 15 70 BT
		250	51 15 71 BT
	DPD Glycine	100	51 21 70
		250	51 21 71
14 62 75	DPD No. 4	100	51 12 20 BT
		250	51 12 21 BT
14 61 10	BROMOCRESOL PURPLE	100	51 17 30
		250	51 17 31
14 61 20	BROMOTHYMOL BLUE	100	51 16 40
		250	51 16 41
14 61 00	PHENOL RED-RAPID*	100	51 17 90 BT
		250	51 17 91 BT
14 61 30	UNIVERSAL PH	100	51 54 40
		250	51 54 41



Plastic cells, volume 10 ml

## CHECKIT® Comparator

### Tests, Test Kits, Testpaks, Discs, Reagents

Test	Range	Readings (Accuracy ± 5% Full Scale)	Test Kit	Testpak
<b>Phosphate HR</b>	0 - 80 mg/l PO <sub>4</sub>	0 / 5 / 10 / 15 / 20 / 25 / 30 / 35 / 40 / 45 / 50 / 55 / 60 / 65 / 70 / 75 / 80	14 72 50	14 77 50
<b>Phosphate LR</b>	0 - 4 mg/l PO <sub>4</sub>	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	14 72 40	14 77 40
<b>Phosphate</b>	0 - 2.5 mg/l PO <sub>4</sub>	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	14 74 80	14 79 80
<b>Silica LR</b>	0.25 - 4 mg/l SiO <sub>2</sub>	0.25 / 0.5 / 0.75 / 1.0 / 1.25 / 1.5 / 1.75 / 2.0 / 2.5 / 3.0 / 3.5 / 4	14 73 50	14 78 50
<b>Silica HR Vario</b>	0 - 100 mg/l SiO <sub>2</sub>	0 / 10 / 20 / 30 / 40 / 50 / 60 / 70 / 80 / 90 / 100	14 73 51	14 78 51
<b>Silica VLR</b>	0 - 1 mg/l SiO <sub>2</sub>	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	14 73 60	14 78 60
<b>Sodiumhypochlorite</b>	2 - 18 %	2 / 3 / 4 / 5 / 6 / 7 / 8 / 9 / 10 / 11 / 12 / 13 / 14 / 15 / 16 / 18	14 74 90	14 79 90
<b>Sulfite LR</b>	0.5 - 10 mg/l SO <sub>3</sub> <sup>2-</sup>	0.5 / 1 / 1.5 / 2 / 2.5 / 3 / 3.5 / 4 / 4.5 / 5 / 6 / 7 / 8 / 9 / 10	14 73 80	14 78 80
<b>Total Alkalinity</b>	20 - 240 mg/l CaCO <sub>3</sub>	20 / 30 / 40 / 50 / 60 / 70 / 80 / 90 / 100 / 110 / 120 / 130 / 140 / 150 / 160 / 170 / 180 / 190 / 200 / 220 / 240	14 74 50	14 79 50
<b>Zinc LR</b>	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	14 73 40	14 78 40

\* RAPID: fast dissolving tablet, # no BT blister tablets, including stirring rod, 10 cm



Disc	Reagents	Quantity	Code
14 62 50	PHOSPHATE HR	100	51 19 80
		250	51 19 81
14 62 40	PHOSPHATE No. 1 LR	100	51 30 40
		250	51 30 41
	PHOSPHATE No. 2 LR	100	51 30 50
		250	51 30 51
	Combi pack#	each 100	51 76 51
PHOSPHATE No.1 LR/No.2 LR	each 200	51 76 52	
14 64 80	Vario PHOS3 F10	100	53 15 50
14 63 50	SILICA No. 1	100	51 31 30
		250	51 31 31
	SILICA No. 2	100	51 31 40
		250	51 31 41
	Combi pack#	each 100	51 76 71
	SILICA No.1 / No.2	each 200	51 76 72
	SILICA PR	100	51 31 50
250	51 31 51		
14 63 51	Vario Silica HR Molybdate F10	Powder Pack / 100	53 57 00
	Vario Silica HR Acid Rgt F10	Powder Pack / 100	
	Vario Silica HR Citric Acid F10	Powder Pack / 100	
	<b>Set</b>		
14 63 60	SILICA No. 1	100	51 31 30
		250	51 31 31
	SILICA No. 2	100	51 31 40
		250	51 31 41
	Combi pack#	each 100	51 76 71
	SILICA No.1 / No.2	each 200	51 76 72
	SILICA PR	100	51 31 50
250	51 31 51		
14 64 90	CHLORINE HR (KI)	100	51 30 00
		250	51 30 01
	ACIDIFYING GP	100	51 54 80
		250	51 54 81
	Combi pack#	each 100	51 77 21
	CHLORINE HR (Ki)/ACIDIFYING GP	each 250	51 77 22
Dilution set for sample preparation	1	41 44 70	
14 63 80	SULFITE LR	100	51 80 20
14 64 50	ALKACHECK	100	51 32 00
		250	51 32 01
14 63 40	COPPER/ZINC LR	100	51 26 20
		250	51 26 21
	EDTA	100	51 23 90
	DECHLOR	250	51 23 91
		100	51 23 50
250	51 23 51		



CHECKIT®Comparator with Powder Reagent