

eXact® CHLORINE Plus

Upgraded
8-menu items!

USEPA
COMPLIANT
FREE AND TOTAL
CHLORINE
CHLORINE DIOXIDE
(4500-CL G STANDARD)

eXact® Chlorine Plus Specifications				
Menu	Tests for*	Range	Resolution	Typical Accuracy
CL1	Free Chlorine and Total Chlorine	0-11 ppm	0.01 (0.0-0.9 ppm) 0.1 (0.9-11 ppm)	±3% (0.0-0.9 ppm) ±7% (0.9-11 ppm)
bR2	Bromine	0-14 ppm	0.01 (0.0-0.9 ppm) 0.1 (0.9-14 ppm)	±3% (0.0-0.9 ppm) ±6% (0.9-14 ppm)
O3	Ozone	0.01-9 ppm	0.01 (0.01-0.9 ppm) 0.1 (0.9-9 ppm)	±8% (0.01-0.9 ppm) ±16% (0.9-9 ppm)
Cd4	Chlorine Dioxide	0-12 ppm	0.01 (0.0-0.9 ppm) 0.1 (0.9-12 ppm)	±8%
PA5	Peracetic Acid	0-9 ppm	0.01 (0.0-0.9 ppm) 0.1 (0.9-9 ppm)	±8% (0.0-0.9 ppm) ±9% (0.9-9 ppm)
HP6	Hydrogen Peroxide	0-3 ppm	0.01 (0.0-0.9 ppm) 0.1 (0.9-3 ppm)	±10% (0.0-0.9 ppm) ±13% (0.9-3 ppm)
TR7	Transmission (Other tests coming soon)	99.9-0.01 %T	0.01 (99.9-0.01 %T) 0.1 (0.01-0.01 %T)	±1%
HR8	High Range Chlorine	0-300 ppm	1	±8%

* Performance verified with various water samples with optimal water temperature at 10-40°C / 50-104°F.



EZ-3™ Method
FAST, ACCURATE
RESULTS IN
3 SIMPLE
STEPS

WATERPROOF
IP-67



PRODUCT	PART NUMBER
eXact® Chlorine Plus Kit	486696-PLUSK
Kit includes 25 tests of CL (DPD-1) (486637-25), bR (486636-25), O3 (486634-25), Cd (486633-25), PA (486674-25), HP (486616-25), HR (486672-25), 50 Glycine (484014) strips	

eXact® ECO-CHECK

525 NM AND 638 NM DUAL WAVELENGTH PHOTOMETER

- Ideal for Environmental Testing
- Used in Aquaculture Monitoring

eXact® Eco-Check Specifications

Menu	Tests for ¹	Range	Resolution	Typical (±%) Accuracy
AL1	Total Alkalinity (as CaCO ₃)	1 - 320 ppm	0.1 (0-50.0 ppm) 1 (51-320 ppm)	10 (1-100 ppm) 7.5 (101-200 ppm) 11 (201-320 ppm)
NO2	Nitrite (as NO ₂)	0.01 - 1.8 ppm	0.01	5
NO3	Nitrate (as NO ₃)	0.01 - 30 ppm	0.01 (0-5.0 ppm) 0.1 (5.1-30 ppm)	20 (0.01-5.0 ppm) 15 (5.1-20.0 ppm) 20 (20.1-30 ppm)
NH4	Ammonia (as NH ₃)	0.01 - 2.4 ppm	0.01	5
TH5	Total Hardness (as CaCO ₃)	5 - 300 ppm	1	19 (0-80 ppm) 17 (81-180 ppm) 16 (181-300 ppm)
CL6	Free and Total Chlorine	0.01 - 5 ppm	0.01	3 (0.02-1.50 ppm) 6 (1.51-5 ppm)
bT7	pH, BT	4.5 - 9.2 pH	0.01	0.2 pH (4.5-7.50) 0.5 pH (7.51-9.2)
PO8	Phosphate (as PO ₄)	0.01 - 4 ppm	0.01 (0-2.50 ppm) 0.1 (2.6-4 ppm)	4 (0.02-2 ppm) 7.5 (2.01-4 ppm)
CU9	Copper (as Cu ²⁺)	0.01 - 11 ppm	0.01 (0-4.00 ppm) 0.1 (4.1-11 ppm)	2
CH0	Salt (as NaCl)	1 - 430 ppm	1	20 (0-100 ppm) 24 (101-250 ppm) 21 (251-320 ppm)
P11	pH, BT	4.5 - 9 pH	0.01	0.2 pH (4.5-7.5) 0.6 pH (7.6-9)

¹ Performance verified with various salt systems and water samples with optimal water temperature at 10-40°C / 50-104°F.
Optimal water temperature for Total Alkalinity test is 15-40°C / 59-104°F.

PRODUCT	PART NUMBER
eXact® Eco-Check Kit	486798-K
Kit includes: 25 tests of CL (DPD-4) (486670-25), AL (486641-25), BTPH (486652-25), BTPH Reagent (486657-25), CH (481657-II), NH3 (486654), Cu (486632-25), NO ₃ (486655-25), NO ₂ (486623-25), PO ₄ (486814-25), TH (486673-25) strips and Mini Dilution Kit II (487202)	

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eXact® micro 20

525 NM AND 638 NM DUAL WAVELENGTH PHOTOMETER

The eXact® Micro 20 dual wavelength photometer is an elite photometer featuring ultra-performance using narrow band wavelength filters for enhanced results. The eXact® Micro 20 has stable, long-life LED light sources and a built-in cell that uses a simple patented system for colorimetric analysis. All tests are designed to use a 20-second procedure called the EZ-3™ Reagent Delivery methodology that minimizes confusion for non-technical users. The eXact® Micro 20 delivers lab-quality results at minimal effort!

eXact® micro 20 TESTS

No.	PARAMETER/TEST	PART #	RANGE	CHEMISTRY	USD/TESTS
	eXact Micro 20 Meter Only	486700	N/A	N/A	N/A
	eXact Micro 20 Meter Kit	486700-K	N/A	N/A	N/A
Includes carrying case (486001), Free Chlorine (486637), and Total Chlorine (486638)					
	Dilution Kit	487200	N/A	N/A	N/A
Includes 1ea.; 500ml Vented Wash Bottle, Plastic Lab 50ml Graduated Cylinder w/ seal, 1ml syringe, 5ml syringe					
	Mini Dilution Kit II	487202	N/A	N/A	N/A
Includes 1ea.; 50ml Graduated Conical Tube with cap and 3.0ml syringe					
	eXact Micro Meter Carrying Case	486001	N/A	N/A	N/A
1	Alkalinity, Total	486641	0 - 320 ppm	Alizarin Red S + Citrate	100
2	Aluminum	486821	0 - 0.9 ppm	PV	50
3	Ammonia	486654	0 - 2.4 ppm	Salicylate Method	25
4	Biguanide	486810	0 - 250 ppm	Bromophenol Blue	50
5	Bromine (DPD-1)	486636	0 - 12 ppm	DPD	100
6	Chloride (as NaCl) II	481657-II	0 - 430 ppm	Silver (ppt)	25
7	Chlorine Dioxide (DPD-1)	486633	0 - 10 ppm	DPD	100
8	Chlorine, Free (DPD-1)	486637	0 - 5 ppm	DPD	100
9	Chlorine, High Range	486672	0 - 300 ppm	KI + Buffer	50
10	Chlorine, Total (DPD-3)**	486638	0 - 5 ppm	KI	100
11	Chlorine, Total (DPD-4)	486670	0 - 5 ppm	DPD + KI	100
12	Chromium (VI)	486614	0 - 1.8 ppm	Diphenylcarbazide	50
13	Copper (Cu ²⁺)	486632	0 - 11 ppm	Biquinoline	50
14	Cyanide	486812	0 - 2.3 ppm	Isonicotinic/Barbituric Acid	50
15	Cyanuric Acid II	481652-II	0 - 110 ppm	Melamine (ppt)	60
16	Fluoride	486643	0 - 1.45 ppm	SPADNS	25
17	Glycine (used for Chlorine Dioxide)	484014	N/A	Glycine	50
18	Hydrogen Peroxide LR	486616	0 - 2 ppm	DPD + PO ₄ + MoO ₄ + KI	50
19	Total Hardness (as CaCO ₃)	486673	0 - 300 ppm	Phthalein Purple	50
20	Manganese	486606	0 - 1.5 ppm	PAN + Cyanide	24
21	Nitrate (as NO ₃)	486655	0 - 30 ppm	Zinc Reduction	50
22	Nitrite (as NO ₂)	486623	0 - 1.8 ppm	Chromotropic Acid	50
23	Ozone (DPD-4)	486634	0 - 4.5 ppm	DPD + KI	100
24	Peracetic Acid (DPD-4)	486674	0 - 5 ppm	DPD + KI	100
25	Permanganate (DPD-1)	486626	0 - 4.5 ppm	DPD	100
26	pH	486639	5.5 - 8.4 ppm	Phenol Red	100
27	pH, BT	486652	4.5 - 9.2 ppm	Bromothymol Blue + Thymol Blue	100
28	Phosphate	486814	0 - 4 ppm	Molybdate Method	50
29	Quaternary Ammonia	486823	0 - 250 ppm	Bromophenol Blue + buffer	100
30	Sulfate	486608	0 - 200 ppm	Barium (ppt)	50
31	Sulfide	486818	0 - 1.6 ppm	DPD Reagent / FeCl ₃	50
32	Total Iron, TPTZ	486650	0 - 8 ppm	TPTZ + PP	50

** Total Chlorine DPD-3 Test requires Free Chlorine DPD-1 (486637) to be run first.
For resellers and distributors - Meter kits sold in quantities 12 units per case and strips sold in quantities of 14 units per case.

VISIT SENSAFE.COM FOR MORE DETAILS
Meter kits sold in case quantities of 14

USEPA
COMPLIANT
FREE AND TOTAL
CHLORINE
CHLORINE DIOXIDE
(4500-CL G STANDARD)

NEW
2012

EZ-3™ Method
FAST, ACCURATE
RESULTS IN
3 SIMPLE
STEPS

WATERPROOF
IP-67

For use in accordance with U.S. Patent Nos. 7333194 and 7491546



eXact® micro 7+

525 NM PHOTOMETER

Tests Chlorine Levels (0.01 to 300 ppm)

USEPA
COMPLIANT
FREE AND TOTAL
CHLORINE
(4500-CL G, DIN STANDARD
38 408 64, ISO 7393/2)

- Directly reads 11 parameters
- Uses patented technologies (U.S. Patent 7333194, 7491546)
- 0.01 ppm (mg/L) resolution
- Built-in cell and countdown timer
- Accurate, reliable, and portable
- 20-Test memory for each menu (160 total)
- 2-Year warranty with satisfaction guarantee

eXact® Micro 7+ Specifications				
Menu	Tests for *	Range	Resolution	Typical (±%) Accuracy
CL1	Free Chlorine & Total Chlorine	0.01 - 11 ppm	0.01 (0.0-0.9 ppm) 0.1 (0.9-11 ppm)	2 (0.0-0.9 ppm) 7 (0.9-11 ppm)
PH2	pH	6.2 - 8.4 pH	0.1	0.4 pH
BR3	Bromine	0.01 - 14 ppm	0.01 (0.0-0.9 ppm) 0.1 (0.9-14 ppm)	3 (0.0-0.9 ppm) 8 (0.9-14 ppm)
AL4	Total Alkalinity (as CaCO ₃)	5 - 300 ppm	1	10 (0.0-100 ppm) 12 (101-300 ppm)
TH5	Total Hardness (as CaCO ₃)	1 - 320 ppm	1	10
CU6	Copper (as Cu ²⁺)	0.04 - 8 ppm	0.01 (0.04-0.9 ppm) 0.1 (0.9-8 ppm)	3 (0.04-0.9 ppm) 4 (0.9-8 ppm)
FE7	Total Iron (as Fe)	0.03 - 5 ppm	0.01	10 (0.03-0.9 ppm)
HR8	High Range Chlorine	1 - 300 ppm	1	8

* Performance verified with various salt systems and water samples with optimal water temperature at 10-40°C / 50-104°F. Optimal water temperature for Total Alkalinity test is 15-40°C / 59-104°F. Optimal water temperature for High Range Chlorine test is 0-40°C / 32-113°F.

EZ-3™ Method
FAST, ACCURATE
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WATERPROOF
IP-67

PRODUCT	PART NUMBER
eXact® Micro 7+ Standard Kit	486691-K
Kit includes Micro 7+ (486691), 25 tests of CL (DPD-1) (486637-25), CL (DPD-3) (486638-25), AL (486641-25), PH (486639-25), CA (486629-25), CU (486632-25), HR (486672-25) strips	
eXact® Micro Combo Lab	486678
Kit includes Micro 7+ (486691), Micro 8 (486800), tests of each: CL (DPD-1) (486637-25), CL (DPD-3) (486638-25), AL (486641-25), CA (486629-25), CU (486632-25), PO ₄ (486814), NH ₃ (486654), BT-PH (486652), FE (TPTZ) (486650), and HR (486672)	

eXact® micro 7+ REAGENTS

For use in accordance with U.S. Patent Nos. 7333194 and 7491546

No.	PARAMETER/PRODUCT	PART #	DETECTION RANGE	CHEMISTRY	/ TESTS
1	Alkalinity, Total	486641	5 - 300 ppm	Alizarin Red S + Citrate	/ 100
2	Bromine (DPD-1)	486637	0 - 14 ppm	DPD	/ 100
3	Calcium (as CaCO ₃)	486629	10 - 500 ppm	Oxalic Acid	/ 50
4	Chlorine, Free (DPD-1)	486637	0 - 11 ppm	DPD	/ 100
	Chlorine, Free (DPD-1)	484051	0 - 11 ppm	DPD	/ 100 Foils
5	Chlorine, Total (DPD-3)**	486638	0 - 11 ppm	KI	/ 100
	Chlorine, Total (DPD-3)**	484103	0 - 11 ppm	KI	/ 100 Foils
6	Chlorine, Total (DPD-4)	486670	0 - 11 ppm	DPD + KI	/ 100
	Chlorine, Total (DPD-4)	484054	0 - 11 ppm	DPD + KI	/ 100 Foils
7	Chlorine, High Range	486672	0 - 300 ppm	KI + Buffer	/ 50
8	Copper (Cu ²⁺)	486632	0.04 - 8 ppm	Biquinoline	/ 50
9	Ozone (DPD-4)	486670	0 - 11 ppm	DPD + KI	/ 100
10	Permanganate (DPD-1)	486637	0 - 11 ppm	DPD	/ 100
11	pH	486639	6.2 - 8.4 pH	Phenol Red	/ 100

* Results utilize the Tr-7 (Transmission) meter function and require the use of a conversion table. See respective test procedures for more information and tables. R030212
** Total Chlorine DPD-3 Test requires Free Chlorine DPD-1 (486637) to be run first. For resellers and distributors - reagents sold as case of 12; meters as case of 14.

PRICES & SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE. ALL PRICES IN USD.



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Industrial Test Systems, Inc.

Innovators of Water Quality Testing

WATER QUALITY
2012

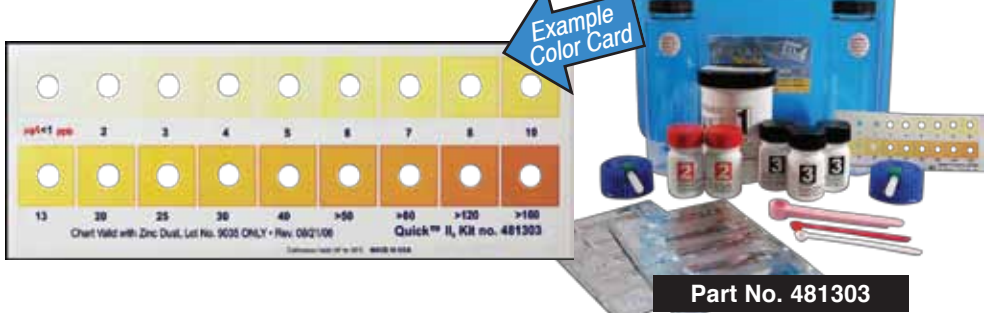


Scan for Details:



ARSENIC (Inorganic) TEST KITS

- Performance verified by ETV with technical and non-technical operators
- Arizona Point of Use Compliance Program Manual approved
- Results in 14 minutes using safe, convenient reagents
- Mini kits (5 tests) also available.



Part No. 481303

“...Quick™ II kits will be most applicable for water utilities having a raw water arsenic concentration <100 µg/L ... Additionally, this field kit is also appropriate for contracted vendors responsible for monitoring the influent and effluent arsenic concentrations of POU devices.”

Mitchell J. Spear, "Evaluation of arsenic field test kits for drinking water analysis." Journal AWWA 98(2006)

“...Test kit and laboratory measurements were within one category of each other in 99% of samples (n=134) for Quick™ Arsenic Kit.”

Craig M. Steinmaus, "Evaluation of Two New Arsenic Field Test Kits Capable of Detecting Arsenic Water Concentrations Close to 10µg/L." Environmental Science & Technology Vol. 40, No 10 (2006):

“...The Quick™ test kit provided reasonably accurate results on the types of tap water samples analyzed. The test method does not require that the operator have highly-specialized training. The test method and accuracy would be appropriate for quick field testing results; no complex, breakable apparatus is required.”

Dr. Mark Sabo, Director, Catawba Analytical Research Laboratory, Catawba (NC) College (2002):

Inorganic Arsenic Kits Available:

US Patent # 6696300

PRODUCT NAME (PART NUMBER)	OPTIMUM RANGE* ppb (µg/L)	TYPICAL COLOR CHART DETECTION LEVELS ppb (µg/L)	TYPICAL ACCURACY** USING QUICK™ ARSENIC SCAN		# OF TESTS
Arsenic Quick™ (481396)	10 to 200	0, 5, 10, 20, 60, 100, 300, 500, >500, >>500	+/-18 ppb or +/-30%		100
Arsenic Quick™ II (481303)	3 to 20	<1, 2, 3, 4, 5, 6, 7, 8, 10, 13, 20, 25, 30, 40, >50, >80, >120, >160	+/-1.2 ppb or +/-16%		50
Arsenic Low Range Quick™ II (481301)	1 to 10	<0.5, 1, 1.5, 2, 3, 4, 5, 6, 7, 8, 12, >20, >30, >50	+/-0.8 ppb or +/-14%		50
Arsenic Ultra-Low Quick™ II (481300)	0.5 to 6	0,0,3,0,7, 1.0, 1.5, 2, 2.5, 3, 3.5, 4, 5, 6, 8, 10, 13, 20, >20	+/-0.4 ppb or +/-12%		25
Quick™ Arsenic Scan Instrument (481305)	—	0.01 to >1.00 color density ppb (µg/L) (as low as 0.2 ppb (µg/L) arsenic)	(see above)		—

Information on the performance characteristics of Quick™ can be found at www.epa.gov/etv, or call ITS at 1-800-861-9712 for a copy of the ETV verification report. The use of the ETV® Name or Logo does not imply approval or certification of this product nor does it make any explicit or implied warranties or guarantees as to product performance.

** As with any test, actual results will fall within a range around the actual value. The Typical Accuracy listed is from data generated by a technician in our lab using the Quick™ Arsenic Scan Instrument measuring interference-free aqueous arsenic standards. Kit expected accuracy is the larger of the two values listed. (Example using Quick™: If the mean is 40 ppb, then the typical accuracy is +/-18 ppb which is larger than +/-12 ppb (40 ppb X 30%).).

SENSAFE™ FREE CHLORINE WATER CHECK USEPA APPROVED COMPLIANCE TESTING

- No instrument required
- Safe, non-hazardous, reliable
- Published in the 2007 U.S. Federal Register Vol 72, No. 47, Monday, March 12 p.11204, ITS Method D99-003
- 40 second results with 0.05 ppm detection
- Approved for use by most U.S. States
- No monochloramine interferences
- No chlorine bleach out even at 500 ppm

Part No. 481026



Part No. Product Description

481026 SenSafe™ Free Chlorine Water Check-50 Tests
481126 30 Individually Foil-Wrapped Tests

“Indicator develops blue in the presence of Free Chlorine”

US Patent numbers 5491094 & 6541269

WATER METALS TEST

Part No. 480309

Test for all of these metals quickly:

Cadmium, Cobalt, Copper, Iron, Lead, Mercury, Nickel, Zinc and all other +2 valence metals

- Most tap water reads 20 ppb or above for metals
- Confirms effective metal removal by reading Filtered, RO and bottled water at <10 ppb
- A better alternative for TDS demonstrations
- Safe and non-hazardous test
- Results in 2 ½ minutes

Detection Levels <10, 20, 50, 100, 200, 400, 1000 ppb (µg/L)

Part No. Product Description

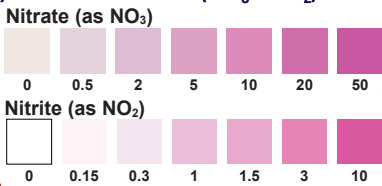
480309 Water Metals Check - 50 Tests
480309-6 Water Metals Check - 6 Tests

“Indicator develops red in presence of metals”

US Patent number 6541269

NITRATE AND NITRITE TEST STRIPS

- Accurate results in 1 minute
- Results as: Nitrogen (N) or Nitrate/Nitrite (NO₃ / NO₂)
- Safe (no Cadmium)
- Uses Proprietary Zinc reducing method
- Reliable and Quick



Part No. Product Description

480009 Nitrate and Nitrite-50 Tests
481109 30 Individually Foil-Wrapped Tests

Part No. 480009

EZ COLIFORM CULT - MUG TEST

- Total coliform presence/absence test with E.coli confirmation
- E.coli confirmed by fluorescence or Kovacs' reagent
- XGAL/MUG test
- 100 CFU/mL sensitivity
- Safe, non-hazardous chemistry
- Results in 24 / 48 hours

Part No. Product Description

487197 EZ Coliform Cult - MUG -12 Tests
NVF-4 UV Light



Part No. 487197

*PATENTED TEST STRIP TECHNOLOGY

Bromine	Part No.	Tests	Description / Detection Levels
Bromine Check*	480001	50	Method A: 0.0, 0.5, 1.0, 2.0, 3.0, 4.0, 5.0 ppm (mg/L) Method B: 0.00, 0.05, 0.10, 0.25, 0.50, 0.75 ppm (mg/L)
Bacteria			
Bacteria Growth Check	481195-30	30	Growth detection of fastidious micro-organisms on a test strip
EZ Coliform Cult (MUG)	487197	12	Enzymatic Presence / Absence coliform w/ fluorescent <i>E. coli</i> confirmation
18-Minute Bacteria	487999	2	18 minutes presence / absence bacteria test at 1000 cfu/mL
Chloride			
Chloride Check	481027	50	0, 50, 100, 250, 500 ppm (mg/L)
Chlorine Dioxide			
Chlorine Dioxide LR*	481028	50	Method A <0.1, 0.1, 0.2, 0.4, 0.6, 0.8, 1.0, 1.2, 1.4, 1.6 ppm (mg/L)
Chlorine Dioxide	480031	50	0.5, 2, 5, 10, 25, 50, 100 ppm (mg/L)
Free Chlorine			
Free Chlorine Water Check (EPA)*	481026	50	0.0, 0.05, 0.1, 0.2, 0.4, 0.6, 0.8, 1.2, 1.5, 2.0, 2.6, 4.0, >6.0 ppm (mg/L)
Free Chlorine High Range	480022	50	0, 1, 2, 5, 10, 20, 30, 40, 80, 120 ppm (mg/L)
Free Chlorine Check Ultra High	480024	50	0, 25, 50, 100, 200, 300, 400, 500, 750 ppm (mg/L)
Total Chlorine			
Total Chlorine*	480010	50	Method A: 0.0, 0.1, 0.2, 0.5, 0.8, 4.0, 10.0 ppm (mg/L) Method B: 0.0, 0.05, 0.1, 0.15, 0.2, 0.5, 1.0 ppm (mg/L)
Ultra Low Total Chlorine*	480007	30	Method A: 0, <0.01, 0.01, 0.02, 0.05, 0.10, 0.15, 0.20 ppm (mg/L) Method B: 0, <0.005, 0.005, 0.01, 0.015, 0.02, 0.025, 0.05 ppm (mg/L)
Total Chlorine High Range	480033	50	0.0, 5, 10, 20, 30, 40, 60, 80 ppm (mg/L)
Free & Total Chlorine*	480655	30	0.0, 0.1, 0.2, 0.5, 1.0, 2.5, 5.0 ppm (mg/L)
Peroxide Check™ (H ₂ O ₂)	480014	50	<0.5, 2, 5, 10, 25, 50, 100 ppm (mg/L)
Peroxide Check™, Low Range*	481015	50	0.05, 0.3, 0.5, 1.0, 2.0, 4.0 ppm (mg/L)
Peroxide Check™, High Range*	481116	30	0, 200, 400, 800, 1600, 2500, 5000, 10000, 30000 ppm (mg/L)
Hydrogen Sulfide			
Hydrogen Sulfide Low Range	481197-20	30	0, 0.3, 0.5, 1, 2 ppm (mg/L)
Hydrogen Sulfide	481197-1	50	0, 5, 10, 20, 30, 40, 50, 60, 80 ppm (mg/L)
Hydrogen Sulfide Ultra-Low	481201	50	Method A <0.05, 0.05, 0.075, 0.1, 0.2, 0.25, 0.3, 1.0 ppm (mg/L) Method B <0.005, 0.01, 0.02, 0.03, 0.05, 0.075, 0.1, 0.2 ppm (mg/L)
Iodine			
Iodine*	480018	50	Method A 0.0, 0.5, 1.0, 2.0, 3.0, 4.0, 5.0 ppm (mg/L) Method B 0.00, 0.02, 0.05, 0.10, 0.20, 0.30, 0.40 ppm (mg/L)
Iodine Check High	480064	50	0, 5, 10, 15, 20, 30, 40, 50, 75, 100, 150, 200, 250, 300 ppm (mg/L)
Metals			
Chromium (chromate)	480047	50	<0.1, 0.25, 0.5, 1, 2.5, 5, 10, 25, 50 ppm (mg/L) as Chromium
Copper, (Cu+1/Cu+2)	480011	25	0.0, 0.5, 1.0, 2.0, 5.0 ppm (mg/L)
Copper, John's (Cu+1/Cu+2)*	480042	25	0, 0.05, 0.1, 0.2, 0.4, 1, 2 ppm (mg/L)
Iron, Ida's (Fe+2)*	481046	25	Method A: 0.0, 0.3, 1.0, 2.0, 5.0, 10, 20, 50 ppm (mg/L) Method B: 0.00, 0.005, 0.01, 0.03, 0.06, 0.10, 0.30 ppm (mg/L)
Iron Check, (Fe+2/Fe+3)*	480025	25	0.0, 0.02, 0.05, 0.1, 0.2, 0.3, 0.5, 0.75, 1.0, 2.0, 5.0 ppm (mg/L)
Manganese Check (as Mn)*	481020	24	<0.02, 0.05, 0.1, 0.2, 0.4, 1.0, >1.6 ppm (mg/L)
Mercury Check*	480048	50	<50, 50, 100, 200, 500, 1,000 ppb (µg/L)
Mercury, Boris**	480049	50	0.0, 0.002, 0.005, 0.01, 0.02, 0.04, 0.08 ppm (mg/L)
Silver Check II, High Range	480045	50	50, 100, 250, 500, 1000 ppb (µg/L)
Silver, Boris' w/btl Glycine*	480044	50	0, 0.005, 0.01, 0.025, 0.05, 0.075, 0.1 ppm (mg/L)
Water Metals Check*	480309	50	<10, 20, 50, 100, 200, 400, 1000 ppb (µg/L)
Water Metals Check*	480309-6	6	<10, 20, 50, 100, 200, 400, 1000 ppb (µg/L)
Zinc	480026	50	0, 2, 5, 10, 20, 40, 100 ppm (mg/L)
Nitrate/Nitrite			
Nitrate and Nitrite	480009	50	NO3: 0, 0.5, 2, 5, 10, 20, 50 ppm NO2: 0, 0.15, 0.3, 1, 1.5, 3, 10 ppm
Ozone			
Ozone Check*	481234	50	0.0, 0.05, 0.1, 0.2, 0.3, 0.4, >0.5 ppm
Total Hardness			
Total Hardness	480008	50	0, 40, 80, 120, 180, 250, 425, 1000 ppm OR: 0, 2, 5, 7, 11, 15, 25, 58 gpg
pH			
Extended Range pH Check	481104	50	2, 3, 4, 5, 6, 6.5, 7, 7.5, 8, 8.5, 9, 9.5, 10, 11, 12 pH
pH / Total Alkalinity	480005	50	pH: 6.0, 6.5, 7.0, 7.5, 8.0, 8.5, 11 pH pH TA: 0, 40, 80, 120, 180, 240, 720 ppm



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