

Chlorine

TWO CHOICES FOR REFILLS:

1. For a complete set, add "R-" to the kit number.
2. For individual reagents, order by the code on the reagent. See pages 76-83 for a list of kit reagents.



Code 3240

Order Code	Test System (Detailed On Pages 6-7)	Range/Sensitivity	# of Tests [# Reagents]	Reagent Refill Order Code	Shipping Code (Weight/Lbs)
CHLORINE Free, Combined and Total Chlorine may be determined using DPD with either colorimetric or titrimetric methods. These determinations are generally limited to concentrations of 0-10 ppm, although the FAS titration can test higher concentrations by dilution or with the addition of more DPD indicator. Higher concentrations require the iodometric titration, whereby the sample is acidified and iodide is added, which is oxidized by chlorine to iodine and is titrated with a standard thiosulfate solution. Iodometric determinations will only test total chlorine.					
FREE & TOTAL					
3308-01*	DPD Tablet Octa-Slide 2 Comparator	0.2, 0.4, 0.6, 0.8, 1.0, 1.5, 2.0, 3.0 ppm Cl	50 [2]	R-3308-01	NH [1]
3312-01*	DPD Tablet Octa-Slide 2 Comparator	0.1, 0.2, 0.3, 0.4, 0.5, 0.6, 0.8, 1.0 ppm Cl	50 [2]	R-3312-01	NH [1]
3314-01*	DPD Tablet Octa-Slide 2 Comparator	Low: 0.1-1.0 ppm Cl High: 1.0-6.0 ppm Cl	100 [2]	R-3314-01	NH [1]
3328-01	DPD Tablet Octa-Slide 2 Comparator	1.0, 2.0, 3.0, 4.0, 5.0, 6.0, 8.0, 10.0 ppm Cl	50 [2]	R-3328-01	NH [1]
3240 DC1500	DPD Tablet Colorimeter	0-4.0 ppm/0.05 ppm Cl	100 [2]	R-3670-01	NH [4]
3240-LI DC1500-LI	DPD Liquid Colorimeter	0-4.0 ppm/0.05 ppm Cl	144 [3]	R-3670-01-LI	R1 [5]
DPD FREE, MONO & DICHLORAMINES, TOTAL CHLORINE, pH					
6980-01	DPD Tablet/ Phenol Red Tablet Octa-Slide 2 Comparator	Low: 0.1-1.0 ppm Cl High: 1.0-6.0 ppm Cl pH: 6.8-8.2	200 [5]	R-6980	NH [7]

Ship Codes: (NH) Non-Hazardous Material - No Fees · (R1) Small Qty. Hazardous Material - No Fees · (LQ, R2, R3) Hazardous Material - Air Fees Only · (HF) Hazardous Material - Air & Ground Fees
 *(NPDR) EPA Accepted · †(NPDES) EPA Accepted · Direct Reading Titrators have a specific range, but may be refilled to test higher concentrations.



Clean sample cells used in DPD test reactions as soon as possible. DPD can stain!

Code 4497-01

Order Code	Test System (Detailed On Pages 6-7)	Range/Sensitivity	# of Tests (# Reagents)	Reagent Refill Order Code	Shipping Code (Weight/Lbs)
CHLORINE ...Continued					
DPD-FAS TITRATION FOR FREE AND TOTAL CHLORINE					
3176-02*†	Direct Reading Titrator	0–10 ppm/0.2 ppm Cl	50 at 10 ppm [4]	R-3176-02	R1 [2]
3624-01	Chlorine or Bromine Direct Reading Titrator	0–10 ppm/0.2 ppm Cl or Br 0–100 ppm/2 ppm Cl or Br	50 at 10 ppm [3]	R-3624-01	NH [1]
7514-01	FAS Dropper Bottle Titration	1 drop = 0.2 or 0.5 ppm Cl	50 [3]	R-7514-01	NH [1]
IODOMETRIC TITRATION (For higher total chlorine levels)					
4497-DR-01	Direct Reading Titrator	0–200 ppm/4 ppm Cl	50 at 200 ppm [3]	R-4497-DR-01	R2 [1]
4497-01	Dropper Pipet	1 drop = 10 ppm Cl	50 at 200 ppm [3]	R-4497-01	R2 [1]
4501-01	Dropper Pipet	1 drop = 1 ppm Cl	50 [3]	R-4501-01	R2 [1]
CHLORINE BLEACH, IODOMETRIC TITRATION					
7105-03	Direct Reading Titrator	0–10%/0.2% Cl	50 at 10% [3]	R-7105-03	R1 [2]
7894-01	Dropper Pipet	1 drop = 0.005%, 0.05%, or 0.5% Cl	50 at 0.1, 1.0, or 10% [3]	R-7894-01	R1 [1]
CHLORINE TEST PAPERS/STRIPS See other Chlorine test strips on page 36.					
4250-BJ	Chlorine Test Papers	10, 50, 100, 200 ppm, Cl	200 [1]	R-4250-BJ	NH [1]
2964-G	Chlorine Test Strips	0, 0.5, 1, 3, 5, 10 ppm, Free Cl	25 [1]	R-2964-G	
2963LR-G	Chlorine Test Strips	0, 0.1, 0.25, 0.5, 1, 3, 10 ppm, Total Cl	25 [1]	R-2963LR-G	
3031	Chlorine Test Strips	0, 50, 100, 250, 500, 800 ppm Cl	50 [1]	R-3031	
2979	Chlorine Test Strips	0, 0.5, 1, 3, 5 ppm Total Cl	50 [1]	R-2979	

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