








HARDNESS TESTING PRODUCTS

Hardness Test Kits Calcium & Total




CAT. NO.	PRODUCT DESCRIPTION (SPECIFY DROP FACTOR WHEN ORDERING)	UNIT SIZE(S)
417/	 Total Hardness Test Kit (w/HIBS) (Eyedropper Dispenser) (1 drop = 2,5,10,20,25,50 ppm/25 ml)	Each
143	Hardness Indicator Buffer Solution	X,A,C,E
R411/	Hardness Titrating Solution (1 drop = 2,5,10,20,25,50 ppm/25 ml)	A,C,E
8417/	 Total Hardness Test Kit (w/HIBS) (OptiDrop Nasal Plug Dispenser) (1 drop = 2,5,10,20,25,50 ppm/25 ml)	Each
143	Hardness Indicator Buffer Solution	X,A,C,E
R8411/	Hardness Titrating Solution (1 drop = 2,5,10,20,25,50 ppm/25 ml)	Q,E
427/	 Total Hardness Test Kit (w/HIBP) (Eyedropper Dispenser) (1 drop = 2,5,10,20,25,50 ppm/25 ml)	Each
141	Hardness Indicator Buffer Powder with #402 Scoop	B,C,E
R411/	Hardness Titrating Solution (1 drop = 2,5,10,20,25,50 ppm/25 ml)	A,C,E
8427/	 Total Hardness Test Kit (w/HIBP) (OptiDrop Nasal Plug Dispenser) (1 drop = 2,5,10,20,25,50 ppm/25 ml)	Each
141	Hardness Indicator Buffer Powder with #402 Scoop	B,C,E
R8411/	Hardness Titrating Solution (1 drop = 2,5,10,20,25,50 ppm/25 ml)	Q,E
577/	 Calcium Hardness Test Kit (w/HNB) (Eyedropper Dispenser) (1 drop = 2,5,10,20,25,50 ppm/25 ml)	Each
107	Calcium Buffer Solution (HM)	X,A,C,E
110	Calcium Indicator Powder (HNB) with #402 Scoop	B,C,E
R411/	Hardness Titrating Solution (1 drop = 2,5,10,20,25,50 ppm/25 ml)	A,C,E





Masters Company Inc.
Creative Solutions for Water Management



CAT. NO.	PRODUCT DESCRIPTION (SPECIFY DROP FACTOR WHEN ORDERING)	UNIT SIZE(S)
8577/ 	Calcium Hardness Test Kit (w/HNB) (OptiDrop Nasal Plug Dispenser) (1 drop = 2,5,10,20,25,50 ppm/25 ml)	Each
107	Calcium Buffer Solution (HM)	X,A,C,E
110	Calcium Indicator Powder (HNB) with #402 Scoop	B,C,E
R8411/	Hardness Titrating Solution (1 drop = 2,5,10,20,25,50 ppm/25 ml)	Q,E
627/ 	Calcium & Total Hardness Test Kit (w/HNB/HIBS) (Eyedropper Dispenser) (1 drop = 2,5,10,20,25,50 ppm/25 ml)	Each
107	Calcium Buffer Solution (HM)	X,A,C,E
110	Calcium Indicator Powder (HNB) with #402 Scoop	B,C,E
143	Hardness Indicator Buffer Solution	X,A,C,E
R411/	Hardness Titrating Solution (1 drop = 2,5,10,20,25,50 ppm/25 ml)	A,C,E
8627/ 	Calcium & Total Hardness Test Kit (w/HNB/HIBS) (OptiDrop Nasal Plug Dispenser) (1 drop = 2,5,10,20,25,50 ppm/25 ml)	Each
107	Calcium Buffer Solution (HM)	X,A,C,E
110	Calcium Indicator Powder (HNB) with #402 Scoop	B,C,E
143	Hardness Indicator Buffer Solution	X,A,C,E
R8411/	Hardness Titrating Solution (1 drop = 2,5,10,20,25,50 ppm/25 ml)	Q,E



Hardness Reagents for Burettes and Test Kits - Calcium & Total

Hardness testing should be carried out at a pH of 10.5 or greater. If Iron is present in any great amount, it may become an interference agent to suppress the total hardness found. Most, if not all, Hardness reagent systems have some limited Iron suppression agents contained in their formulations. Remove gross amounts of Iron as an interfering agent by filtration or by precipitation. Metallic ions such as Aluminum, Copper or Zinc can be interfering agents if present in sufficient quantity.



CAT. NO.	PRODUCT DESCRIPTION	UNIT SIZE(S)
144	Hardness Titrating Solution (1 ml = 1 ppm CaCO ₃ /50 ml)	F,G,H
145	Hardness Titrating Solution (1 ml = 20 ppm CaCO ₃ /50 ml)	F,G,H
149	Hardness Titrating Solution (1 ml = 50 ppm CaCO ₃ /50 ml)	F,G
107	Calcium Buffer Solution (HM)	X,A,C,E
109	Calcium Indicator Powder (Murexide) with #402 Scoop	B,C,E
110	Calcium Indicator Powder (HNB) with #402 Scoop	B,C,E
135	Hardness Buffer Powder with #402 Scoop	B,C,D,E
137NR	Hardness Buffer Solution (Ammonia/Ammonium Chloride)	X,A,C,E,F
138	Hardness Buffer Solution (Odorless)	X,A,C,E,F
139	Hardness Indicator Powder (Calmagite) with #402 Scoop	B,C,E
140	Hardness Indicator Powder (EBT) with #402 Scoop	B,C,E
141	Hardness Indicator Buffer Powder (HIBP) with #402 Scoop	B,C,E
143	Hardness Indicator Buffer Solution (HIBS)	X,A,C,E

Hardness Test Standard

006	Total Hardness Test Standard Solution (10,50,100,1,000 ppm CaCO ₃)	E
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