



Parameter		Range	Method	Accuracy	Kit	Nbr test	Small case	Nbr test
Free Chlorine	Cl <sub>2</sub>	10-100 mg/l	Titri.	1 drop = 5 mg/l	1KC007.	50		
Free Chlorine	Cl <sub>2</sub>	100-250 mg/l	Titri.	1 drop = 10 mg/l	1KC031	50		
Free Chlorine (ortho)	Cl <sub>2</sub>	0,02-0,35 mg/l	Color.	0,02-0,04-0,05-0,07-0,1-0,15-0,2-0,25-0,35	1KC013	250	1TC009	350
Total Chlorine (DPD)	Cl <sub>2</sub>	0,02-0,35 mg/l	Color.	0,02-0,04-0,07-0,1-0,15-0,2-0,25-0,35	1KC021	100	1TC069	100
Total Chlorine (DPD)	Cl <sub>2</sub>	2-6 mg/l	Color.	2-2,5-3-4-5-6	1KC010	100	1TC070	100
Free and Total Chlorine (DPD)	Cl <sub>2</sub>	0,02-0,35 mg/l	Color.	0,02-0,04-0,07-0,1-0,15-0,2-0,25-0,35	1KC030	50	1TC071	100
Free and Total Chlorine (DPD)	Cl <sub>2</sub>	0,1-2 mg/l	Color.	0,1-0,2-0,4-0,6-0,8-1-1,3-1,6-2,0	1KC033	50	1TC072	100
Free and Total Chlorine (DPD)	Cl <sub>2</sub>	0,1-12 mg/l	Color.	0,1-0,2-0,4-0,6-0,8-1-1,3-1,6-2,0 2-2,5-3-4-5-6 and 4-5-6-8-10-12	1KC029	50	1TC007	100
Chlorides	Cl <sup>-</sup>		Titri.	Presence / Absence	1KZ001	150		
Chlorides	Cl <sup>-</sup>	2-250 mg/l	Titri.	1 drop = 4 mg/l	1KC020	20		
Chlorides	Cl <sup>-</sup>	10-400 mg/l	Titri.	1 drop = 10 mg/l	1KC005.	30		
Chlorides	Cl <sup>-</sup>	200-1000 mg/l	Titri.	1 drop = 20 mg/l	1KC006.	30		
Chlorides (CMR free)	Cl <sup>-</sup>	2-250 mg/l	Titri.	1 drop = 4 mg/l	1KC120	20		
Chlorides (CMR free)	Cl <sup>-</sup>	10-400 mg/l	Titri.	1 drop = 10 mg/l	1KC105	30		
Chlorides (CMR free)	Cl <sup>-</sup>	200-1000 mg/l	Titri.	1 drop = 20 mg/l	1KC106	30		
Chromium VI	Cr <sup>6+</sup>	0,03-1,0 mg/l	Color.	0,03-0,06-0,1-0,2-0,3-0,5-0,75-1,0	1KC026C	180	1TC011	180
Cyanides	CN <sup>-</sup>	0-0,5 mg/l	Color.	0-0,03-0,06-0,1-0,15-0,2-0,3-0,4-0,5			1TC013	150
Cyanuric Acid	Ac. Cya.	0-200 mg/l	Turbi.	20-30-40-50-60-80-100-200	1KS006	50		
Agressive CO2	CO <sub>2</sub>		Titri.		1KC011	100		
Copper	Cu <sup>2+</sup>	0,5-5,0 mg/l	Color.	0,5-1,0-2,0-2,5-3,0-3,5-4,0-5,0	1KC027	100	1TC073	100
Copper	Cu <sup>2+</sup>	0,1-1,0 mg/l	Color.	0,1-0,2-0,25-0,35-0,45-0,55-0,65-0,7-1,0	1KC038	100	1TC046	100
Water color	Pt/Co	15-200 mg/l	Color.	15-30-60-100-150-200			1CC012	without reagents
DEHA	DEHA	0 - 1,0 mg/l	Color.	0-0,05-0,1-0,2-0,5-1,0	1KV004	250	1TC074	250
Chlorine dioxide	ClO <sub>2</sub>	0,19-3,8 mg/l	Color.	0,19-0,38-0,76-1,14-1,52-1,9-2,47-3,04-3,8	1KC039	50	1TC067	100
Hardness	TH		Titri.	Presence / Absence	1KD004	80		

Color. : Colorimetry (comparison on a color scale)  
 Titri. : Drop count titration  
 Turbi. : Turbidity measurement



# COLORIMETRIC AND TITRIMETRIC METHODS - TEST KITS



Parameter		Range	Method	Accuracy	Kit	Nbr test	Small case	Nbr test
<b>Hardness - 3 bottles</b> (all sorts of waters : softeners, air conditioned, boilers...)	TH	2-60°F	Titri.	1 drop = 2°F	1KT001	40		
<b>Hardness - 3 bottles</b> (all sorts of waters : softeners, air conditioned, boilers...)	TH	1-60°F	Titri.	1 drop = 1°F	1KT011	20		
<b>Hardness - 2 bottles</b> (for low buffered waters)	TH	2-60°F	Titri.	1 drop = 2°F	1KT004	40		
<b>Hardness - 1 reagent</b> (for drinking water)	TH	1-60°F	Titri.	1 drop = 1°F	ORM-CD1003	20		
<b>Hardness - 1 reagent</b> Soap method (for colored waters)	TH	1-60°F	Titri.	1 drop = 1°F	14KT00	40		
<b>Hardness High Sensibility - 3 reagents</b> (for boilers HPV)	TH	0,05-2°F	Titri.	1 drop = 0,05°F	1KT005	20		
<b>Hydrazine</b>	N <sub>2</sub> H <sub>4</sub>	0-1 mg/l	Color.	0-0,05-0,1-0,2-0,3-0,4-0,6-0,8-1,0	1KH000	20	1TC020	30
<b>Hydrazine</b>	N <sub>2</sub> H <sub>4</sub>	0-0,15 mg/l	Color.	0-0,01-0,02-0,03-0,05-0,07-0,9-0,12-0,15	1KH001	150	1TC019	150
<b>Hydrazine</b>	N <sub>2</sub> H <sub>4</sub>	0-1 mg/l and 0-0,15 mg/l	Color.	0-0,01-0,02-0,03-0,05-0,07-0,9-0,12-0,15 and 0-0,05-0,1-0,2-0,3-0,4-0,6-0,8-1,0			1TC018	150 / 20
<b>Iron</b>	Fe <sup>2+/3+</sup>		Titri.	Presence / Absence	1KF001	28		
<b>Iron</b>	Fe <sup>2+/3+</sup>	0,06-1 mg/l	Color.	0,06-0,10-0,2-0,3-0,4-0,5-0,6-0,8-1,0	1KF005.	75	1TC017	150
<b>Iron</b>	Fe <sup>2+/3+</sup>	0,3-5 mg/l	Color.	0,3-0,6-1-1,5-2-2,5-3-4-5	1KF006.	75	1TC016	150
<b>Iron</b>	Fe <sup>2+/3+</sup>	0,06-1 mg/l and 0,3-5 mg/l	Color.	0,06-0,10-0,2-0,3-0,4-0,5-0,6-0,8-1,0 and 0,3-0,6-1-1,5-2-2,5-3-4-5	1KF008	75	1TC015	225
<b>Magnesium</b>	Mg <sup>2+</sup>	2-60 °F	Titri.	1 drop = 2°F	1KM004	40		
<b>Manganese</b>	Mn <sup>2+</sup>	0,05-2 mg/l	Color.	0-0,05-0,15-0,3-0,7-0,9-1,2-1,5-2,0	1KM003.	100	1TC021	300
<b>Molybdates</b>	MoO <sub>4</sub>	2-30 mg/l 10-150 mg/l and 20-300 mg/l	Color.	2-3,5-5,5-7,3-11-14,5-18,2-22-30 10-20-40-60-80-100-120-150 and 20-40-80-120-160-200-240-300	1KM002.	50	1TC077	100
<b>Nitrates</b>	NO <sub>3</sub> <sup>-</sup>	0-50 mg/l	Color.	0-2-5-10-15-20-30-40-50	1KN018	100		
<b>Nitrites</b>	NO <sub>2</sub> <sup>-</sup>	0,018-0,36 mg/l	Color.	0,02-0,04-0,05-0,07-0,11-0,15-0,18-0,27-0,36	1KN007	150	1TC078	150
<b>Nitrites</b>	NO <sub>2</sub> <sup>-</sup>	0,1-2 mg/l	Color.	0,1-0,2-0,3-0,4-0,6-0,8-1,0-1,5-2,0	1KN028	150	1TC024	150
<b>Dissolved oxygen</b>	O <sub>2</sub>	1 - 10 mg/l	Color.	0-1-2-3-4-6-8-10	1KV024	50		

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Ozone	O <sub>3</sub>	0,07-1,4 mg/l	Color.	0,07-0,14-0,27-0,41-0,54-0,7-0,88-1,1-1,4			1TC029	100
Ozone	O <sub>3</sub>	0,014-0,24 mg/l	Color.	0,014-0,027-0,048-0,068-0,1-0,14-0,17-0,2-0,24			1TC030	100
pH	pH	3,7-5,3	Color.	3,7-3,9-4,1-4,3-4,5-4,7-4,9-5,1-5,3	1KP005	60	1TC032	180
pH	pH	5,2-6,8	Color.	5,2-5,4-5,8-6,0-6,2-6,4-6,6-6,8	1KP006	180	1TC033	360
pH	pH	6-7,6	Color.	6,0-6,2-6,4-6,6-6,8-7,0-7,2-7,4-7,6	1KP007	120	1TC034	240
pH	pH	7-8,6	Color.	7,0-7,2-7,4-7,6-7,8-8,0-8,2-8,4-8,6	1KP008	60	1TC035	180
pH	pH	8,6-10,2	Color.	8,6-8,8-9,0-9,2-9,4-9,6-9,8-10-10,2	1KP009	40	1TC036	120
pH	pH	10,2-11,8	Color.	10,2-10,4-10,6-10,8-11-11,2-11,4-11,6-11,8	1KP010	90	1TC037	280
Phosphates	PO <sub>4</sub> <sup>3-</sup>	0,7-13,4 and 6-80 mg/l	Color.	0,7-1,35-2,2-7,0-4,5-4,6-7-9,4-13,4 and 6-10-14-20-26-34-40-60-80	1KP004	80	1TC082	120
Phosphates	P <sub>2</sub> O <sub>5</sub> (or P)	0 - 10 mg/l P2O5 (or 0,23 - 4,4 mg/l P)	Color.	0,5-1,0-1,5-2-3-4-5-7-10 (0,23-0,44-0,66-0,89-1,32-1,78-2,2-3,1-4,4)	1KP018	80	1TC079	120
Polyacrylates		18-100 NTU	Turbi.	18-20-22,5-25-27,5-30-35-40-45-60-70-80-100	1TP004	30		
Silica - Low Range (CMR free)	SiO <sub>2</sub>	0,2-2,0 mg/l	Color.	0,2-0,3-0,4-0,5-0,7-0,9-1,2-1,5-2,0	1KS008	80	1TC042	120
Silica - High Range (CMR free)	SiO <sub>2</sub>	3-50 mg/l	Color.	3-6-10-15-20-25-30-40-50	1KS010	100	1TC044	150
Silica (CMR free)	SiO <sub>2</sub>	0,2-2,0 mg/l and 3-50 mg/l	Color.	0,2-0,3-0,4-0,5-0,7-0,9-1,2-1,5-2,0 and 3-6-10-15-20-25-30-40-50			1TC043	150
Silica - waters of boilers (CMR free)	SiO <sub>2</sub>	0,2-2,0 mg/l	Color.		1KS011	150		
Starch	Starch		Titri.	Detection of the presence of starch	1KA010	150		
Sulphates	SO <sub>4</sub> <sup>2-</sup>	0,2 - 200 mg/l	Turbi.		1KS000	50		
Sulphites	SO <sub>3</sub> <sup>2-</sup>	5-250 mg/l	Titri.	1 drop = 5 mg/l	1KS003.	25		
Sulphites	SO <sub>3</sub> <sup>2-</sup>	1-50mg/l	Titri.	1 drop = 1 mg/l	1KS009	30		
Sulphites (with tablets)	SO <sub>3</sub> <sup>2-</sup>		Turbi.		1KS007			
Tannates			Color.	excess / lack	1KT010	without reagents	1TC063	without reagents
Zinc	Zn <sup>2+</sup>	0-2,0 mg/l	Color.	0-0,2-0,4-0,6-0,8-1,0-1,3-1,6-2,0	1KZ006	100	1TC045	100

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