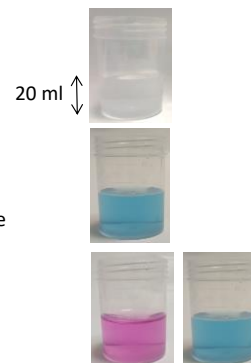


Test Procedure

1. Wash the beaker with the sample to be analysed. Then fill up to the 20 ml mark.
2. Add 1 drop of Solution A and shake. If the water turns **blue**, this corresponds to a hardness <10ppm (no hardness or limescale in the water).
3. If the water sample turns **purple**, add Solution B drop by drop, stirring until the colour of the sample changes to **blue**.
4. One drop of Solution B is equivalent to: - 10 ppm of Calcium Carbonate (CaCO_3).
- 1°F (French degrees)
Use the conversion table to calculate the hardness.



Information

Each kit contains:

- 1 dropper of 10 ml of Solution A (Indicator)
- 1 dropper of 30 ml of Solution B (Titrant)
- 1 calibrated plastic beaker
- Instructions in English

Water hardness

Drops:

1 - 4 very soft
5 - 8 soft
9 - 12 medium
13 - 16 hard
≥ 17 very hard

Note:

ppm = mg/L CaCO_3
°F = French degrees
°D = German degrees
°E = English degrees

Conversion

Drops	ppm	°F	°DH	°E	Drops	ppm	°f	°D	°E
1	10	1	0,06	0,7	26	260	26	14,6	18,2
2	20	2	1,1	1,4	27	270	27	15,1	18,9
3	30	3	1,7	2,1	28	280	28	15,7	19,6
4	40	4	2,2	2,8	29	290	29	16,2	20,3
5	50	5	2,8	3,5	30	300	30	16,8	21,0
6	60	6	3,4	4,2	31	310	31	17,4	21,7
7	70	7	3,9	4,9	32	320	32	17,9	22,4
8	80	8	4,5	5,6	33	330	33	18,5	23,1
9	90	9	5,0	6,3	34	340	34	19,0	23,8
10	100	10	5,6	7,0	35	350	35	19,6	24,5
11	110	11	6,2	7,7	36	360	36	20,2	25,2
12	120	12	6,7	8,4	37	370	37	20,7	25,9
13	130	13	7,3	9,1	38	380	38	21,3	26,6
14	140	14	7,8	9,8	39	390	39	21,8	27,3
15	150	15	8,4	10,5	40	400	40	22,4	28,0
16	160	16	9,0	11,2	41	410	41	23,0	28,7
17	170	17	9,5	11,9	42	420	42	23,5	29,4
18	180	18	10,1	12,6	43	430	43	24,1	30,1
19	190	19	10,6	13,3	44	440	44	24,6	30,8
20	200	20	11,2	14,0	45	450	45	25,2	31,5
21	210	21	11,8	14,7	46	460	46	25,8	32,2
22	220	22	12,3	15,4	47	470	47	26,3	32,9
23	230	23	12,9	16,1	48	480	48	26,9	33,6
24	240	24	13,4	16,8	49	490	49	27,4	34,3
25	250	25	14,0	17,5	50	500	50	28,0	35,0