

NSF Proposed Accuracy Calculations for Chlorine

Chlorine std ppm	Level 1		
	± 12% or ± 0.3, 0-2.5		± 15% 2.5-10
	± 12%	± 0.3	15%
0.5	0.06	0.3	
1	0.12	0.3	
2.5	0.3	0.3	
2.6			0.4
3			0.5
4			0.6
5.5			0.8
5.6			0.8
7.5			1.1
10			1.5

Chlorine std ppm	Level 2		
	± 20% or ± 0.5, 0-5.5		± 25% 5.5-10
	± 20%	± 0.5	25%
0.5	0.1	0.5	
1	0.2	0.5	
2.5	0.5	0.5	
2.6	0.5	0.5	
3	0.6	0.5	
4	0.8	0.5	
5.5	1.1	0.5	
5.6			1.4
7.5			1.9
10			2.5

Chlorine std ppm	Level 3		
	± 30% or ± 0.7, 0-5.5		± 35% 5.5-10
	± 30%	± 0.7	35%
0.5	0.2	0.7	
1	0.3	0.7	
2.5	0.8	0.7	
2.6	0.8	0.7	
3	0.9	0.7	
4	1.2	0.7	
5.5	1.7	0.7	
5.6			2.0
7.5			2.6
10			3.5

Note for Bromine everything should be 2.2*the values in the chlorine tables above

Bromine std ppm	Level 1		
	± 12% or ± 0.7, 0-5.5		± 15% 5.5-22
	± 12%	± 0.3	15%
1.1	0.1	0.7	
2.2	0.3	0.7	
5.5	0.7	0.7	
5.72			0.9
6.6			1.0
8.8			1.3
12.1			1.8
12.32			1.8
16.5			2.5
22			3.3

Bromine std ppm	Level 2		
	± 20% or ± 1.1, 0-12		± 25% 12-22
	± 20%	± 1.1	25%
1.1	0.2	1.1	
2.2	0.4	1.1	
5.5	1.1	1.1	
5.72	1.1	1.1	
6.6	1.3	1.1	
8.8	1.8	1.1	
12.1	2.4	1.1	
12.32			3.1
16.5			4.1
22			5.5

Bromine std ppm	Level 3		
	± 30% or ± 1.5, 0-12		± 35% 12-22
	± 30%	± 1.5	35%
1.1	0.3	1.5	
2.2	0.7	1.5	
5.5	1.7	1.5	
5.72	1.7	1.5	
6.6	2.0	1.5	
8.8	2.6	1.5	
12.1	3.6	1.5	
12.32			4.3
16.5			5.8
22			7.7