

1 gm/100 gm = 1%; 1 mg/100 gm = 0.001 gm/100 gm = .001% = 10 ppm
 CF = (C1V1 + C2V2)/(V1 + V2) V1(CF-C1)=V2(C2-CF)
 C2=(V1/V2)(CF-C1)+CF

iculate V1 & V2	CF	C1	C2	VF	VF	V1	(W1)	V2	V2
C1, C2, CF, VF	%	ppm	%	%	ml	oz	mg	ml	oz
	given	conv	given	given	given	conv	conv	calc2	conv
H2O2	0.13%	1,250	35%	0%	3,785.4	128.01	13,519	3,771.9	127.558
H2O2	0.18%	1,830	35%	0%	3,785.4	128.01	19,792	3,765.6	127.346
	0.25%	2,500	35%	0%	120.0	4.06	857	119.1	4.029
	0.25%	2,500	3%	0.0	120.0	4.06	10,000	0.0	0.000
	0.25%	2,500	3%	0%	3,840.0	129.86	320,000	3,520.0	119.040
	0.50%	5,000	3%	0%	120.0	4.06	20,000	100.0	3.382
	1.00%	10,000	3%	0%	120.0	4.06	40,000	80.0	2.705
saline	3.50%	35,000	28%	0%	3,785.4	128.01	473.18	3,312.2	112.013
	3.00%	30,000	35%	0%	236.5	8.00	20,271	216.2	7.312
H2O2	3.00%	30,000	35%	0%	473.0	16.00	40,543	432.5	###
H2O2	3.00%	30,000	35%	0%	946.3	32.00	81,111	865.2	29.259
H2O2	6.00%	60,000	35%	0%	100.0	3.38	17,143	82.9	2.762
	6.00%	60,000	35%	0%	236.5	8.00	40,543	196.0	6.627
	6.00%	60,000	35%	0%	473.0	16.00	81,086	391.9	###
	6.00%	60,000	40%	0%	473.0	16.00	70,950	402.1	13.597
	6.00%	60,000	100%	0%	473.0	16.00	28,380	444.6	15.036
sugar	25.00%	250,000	50%	0%	709.7	24.00	354,840	354.8	12.000
saline	28.00%	280,000	100%	0%	236.5	8.00	66,220	170.3	5.759
	40.00%	400,000	95%	0%	29.6	1.00	12,451	17.1	0.579
	40.00%	400,000	95%	0%	473.0	16.00	199,158	273.8	9.261

CALCULATE C2, V2

GIVEN C1, V1, CF, VF		START		TO MAKE OZ		ADD %		ml		oz	
(vf)	or ml	OF %	%	start ml	oz	(c2)	(v2)	(v1)	(v2)	(v1)	(v2)
24.00	709.68	25%	50%	354.84	12.00	0.00%	354.84	12.00			
24.00	709.68	50%	25%	100.00	3.38	54.10%	609.68	20.62			
8.00	236.56	3%	35%	20.31	0.69	-0.01%	216.25	7.31			
8.00	236.56	6%	35%	40.59	1.37	-0.01%	195.97	6.63			
16.24	480.22	6%	35%	82.32	2.78	0.00%	397.89	13.46			
16.24	480.22	3%	35%	41.16	1.39	0.00%	439.06	14.85			

iculate VF & CF	C1	V1	ml	mg	C2	V2	drops	oz	CF	CF	VF	ml
C1, C2, V1, V2	given	drop	conv	conv	given	ml	calc. used	conv	calc1	ppm	drops	conv
	given	given	conv	conv	given	given	conv	conv	calc2	conv	calc2	conv
iodine	2.000%	1.0	0.1	50	0.00%	15	300	0.507	0.00664%	66.4	301	15.05
iodine	2.000%	1.0	0.1	50	0.00%	240	4800	8.116	0.00042%	4.2	4801	240.05
iodine	2.000%	3.0	0.2	150	0.00%	240	4800	8.116	0.00125%	12.5	4803	240.15
Chlorine 1	6.000%	1.0	0.1	50	0.00%	10	200	0.338	0.02685%	268.5	201	10.05
Chlorine 2	0.030%	1.0	0.1	50	0.00%	5	100	0.169	0.00030%	3.0	101	5.05
Chlorine 1	0.333%	20.0	1.0	1000	0.00%	45	900	1.522	0.00725%	72.5	920	46.00
Chlorine 2	0.007%	4.0	0.2	200	0.00%	6.5	130	0.220	0.00022%	2.2	134	6.70
H2O2 strips 0, 1, 3, 10, 30, 50; best at 3-10												
H2O2 1	0.375%	3.0	0.1	3,000	0.00%	12	240	0.406	0.00463%	46.3	243	8.22
H2O2 2	0.0052%	3.0	0.1	3,000	0.00%	3	60	0.101	0.00022%	2.2	63	2.13
H2O2 1	0.375%	3.0	0.1	3,000	0.00%	12	240	0.406	0.00463%	46.3	243	8.22
H2O2 2	0.0052%	3.0	0.1	3,000	0.00%	12	240	0.406	0.00006%	0.6	243	8.22
H2O2 1	3.000%	3.0	0.1	3,000	0.00%	12	240	0.406	0.03704%	370.4	243	8.22
H2O2 2	0.037%	3.0	0.1	3,000	0.00%	3	60	0.101	0.00176%	17.6	63	2.13
H2O2 1	3.000%	3.0	0.1	3,000	0.00%	12	240	0.406	0.03704%	370.4	243	8.22
H2O2 2	0.037%	3.0	0.1	3,000	0.00%	3	60	0.101	0.00353%	35.3	63	2.13
H2O2 1	6.000%	3.0	0.1	3,000	0.00%	12	240	0.406	0.07407%	740.7	243	8.22
H2O2 2	0.074%	3.0	0.1	3,000	0.00%	3	60	0.101	0.00353%	35.3	63	2.13
H2O2 1	6.000%	3.0	0.1	3,000	0.00%	12	240	0.406	0.07407%	740.7	243	8.22
H2O2 2	0.074%	3.0	0.1	3,000	0.00%	12	240	0.406	0.00091%	9.1	243	8.22
H2O2 1	35.000%	3.0	0.1	3,000	0.00%	12	240	0.406	0.43210%	4,321.0	243	8.22
H2O2 2	0.432%	3.0	0.1	3,000	0.00%	12	240	0.406	0.00533%	53.3	243	8.22
vodka	40.0%	1.0	0.0	1,000	0.00%	30	600	1.015	0.06656%	665.6	601	20.32
vodka	95.0%	1.0	0.0	1,000	0.00%	30	600	1.015	0.15807%	1,580.7	601	20.32
vodka	95.0%	9.0	0.0	9,000	0.00%	1	600	0.034	85.50000%	855,000.0	601	10.00
vodka	85.5%	9.0	0.0	9,000	0.00%	1	600	0.034	76.95000%	769,500.0	601	10.00
vodka	100.0%	1.0	0.0	1,000	0.00%	30	600	1.015	0.16639%	1,663.9	601	20.32
ASA tab	100.0%	0.365	0.0	365	0.00%	30	600	1.015	0.06080%	608.0	600.365	20.30
ASA tab	100.0%	0.365	0.0	365	0.00%	120	2400	4.058	0.01521%	152.1	2400.37	81.18
ASA tab	100.0%	0.365	0.0	365	0.00%	189.25	3785	6.400	0.00964%	96.4	3785.37	128.01
other tabs	100.0%	0.5	0.0	500	0.00%	30	600	1.015	0.08326%	832.6	600.5	20.31
other tabs	100.0%	0.5	0.0	500	0.00%	189.25	3785	6.400	0.01321%	132.1	3785.5	128.02