

Conversion Tables

Units of Measure Conversion Table			
Percent	Parts per Million	Parts per Billion	Parts per Trillion
.001% =	10 ppm =	--	--
.0001% =	1 ppm =	1,000 ppb =	1,000,000 ppt
.00001% =	.1 ppm =	100 ppb =	100,000 ppt
.000001% =	.01 ppm =	10 ppb =	10,000 ppt
--	.001 ppm =	1 ppb =	1,000 ppt
--	.0001 ppm =	.1 ppb =	100 ppt
--	--	.01 ppb =	10 ppt
--	--	.001 ppb =	1 ppt

Weight Equivalents	
pound (advp)(16 ounces)	453.6 grams
1 mg/kg or 1 mg/L	1 ppm
1 ug/kg or 1 ug/L	1 ppb
1 mg/g	1,000 ppm
1 ug/g	1 ppm
1 nanogram/g	1 ppb
1 picogram/g	1 ppt

Volume Conversion Table			
From/To	cm	liter	fl oz
cm	1	0.001	0.03381
liter	1,000	1	33.81
fl oz	29.57	0.02957	1

Mass Conversion Table				
From/To	g	kg	oz	lb
g	1	0.001	0.03527	0.00220
kg	1,000	1	35.27	2.205
oz	28.35	0.02835	1	0.06250
lb	453.6	0.4536	16	1

Misc Conversions		
Multiply	By	To obtain
gal (US)	3,785	cubic centimeters
gal (US)	3.785	liters
gal (US)	0.83	gal (Imperial)
gal	128	fluid ounces
liters	0.0353	cu ft
liters	1.05	quarts (US)
liters	0.2642	gal (US)
meters	3.281	feet
ounces (fluid)	29.573	milliliters
ounces	28.35	grams
lb/gal	0.12	kg/l

Temperature Conversion Formulas	
°C to °F	°F to °C
$(^{\circ}\text{C} \times 9/5) + 32 = ^{\circ}\text{F}$	$(^{\circ}\text{F} - 32) \times 5/9 = ^{\circ}\text{C}$