

Unit Conversion Information

Units

PPM = mg/L (for liquid matrices) and mg/kg (for solid matrices)

PPB = ug/L (for liquid matrices) and ug/kg (for solid matrices)

1 ppm = 1000 ppb

1 ppb = 0.001 ppm

0.02 mg/L = 20 ug/L

0.002 mg/kg = 2 ug/kg

1% = 10,000 ppm

Fahrenheit→Celsius $T_c = (5/9) * (T_f - 32)$

Celsius→Fahrenheit $T_f = ((9/5) * T_c) + 32$

Result reported on “As Received Basis” = Result on “Dry Weight Basis”

(Total Solid as %) / 100

Example As Received Result = 165 mg/kg

Total Solids = 95%

$$\frac{165 \text{ mg/kg}}{(95/100)} = \frac{165 \text{ mg/kg}}{0.95} = 174 \text{ mg/kg dry}$$