

# OAKTON® TECH TIPS

## *Converting ppm to ppt and $\mu\text{S}$ to mS*

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### ***Converting ppm to ppt:***

ppm = parts per million    ppt = parts per thousand  
1 ppm = 0.001 ppt        1 ppt = 1000 ppm

A meter that reads 0 to 10,000 ppm is the equivalent of a meter that reads from 0 to 10.00 ppt.  
A reading of 5000 ppm is equal to a reading of 5.00 ppt.

To convert ppm readings to ppt, divide the ppm reading by 1000.  
For example a reading of 5000 ppm =  $5000 \text{ ppm} / 1000 = 5.00 \text{ ppt}$ .

To convert ppt readings to ppm, multiply the ppt reading by 1000.  
For example a reading of 4.00 ppt =  $4.00 \text{ ppt} \times 1000 = 4000 \text{ ppm}$ .

### ***Converting $\mu\text{S}$ to mS:***

$\mu\text{S}$  = microSiemens    mS = milliSiemens  
1  $\mu\text{S}$  = 0.001 mS        1 mS = 1000  $\mu\text{S}$

A meter that reads from 0 to 19,900  $\mu\text{S}$  is equivalent to a meter that reads from 0 to 19.90 mS.  
A reading of 9000  $\mu\text{S}$  is equal to a reading of 9.00 mS.

To convert  $\mu\text{S}$  readings to mS, divide the  $\mu\text{S}$  reading by 1000.  
For example a reading of 5000  $\mu\text{S}$  =  $5000 \mu\text{S} / 1000 = 5.00 \text{ mS}$ .

To convert mS readings to  $\mu\text{S}$ , multiply the mS reading by 1000.  
For example a reading of 4.00 mS =  $4.00 \text{ mS} \times 1000 = 4000 \mu\text{S}$ .