

sample	blue LEDvalue	green LED value	red LEDvalue
clear water	97	19	79
blue water	73	11	13
green water	35	15	14
tea water	33	13	70

Example of Data Table 2

sample	blue % transmitted	green % transmitted	red % transmitted
clear water	$97/97 = 100\%$	$19/19 = 100\%$	$79/79 = 100\%$
blue water	$73/97 = 75\%$	$11/19 = 58\%$	$13/79 = 17\%$
green water	$35/97 = 36\%$	$15/19 = 79\%$	$14/79 = 18\%$
tea water	$33/97 = 34\%$	$13/19 = 68\%$	$70/79 = 91\%$

Example of Measuring Ocean Color Graph 1

sample	blue LEDvalue	green LED value	red LEDvalue
+ 1 tsp milk	13	14	12
+1tsp milk + blue	10	9	6
+1tsp milk+green	9	13	7
+1tsp milk + tea	7	9	9

Example of Data Table 4

Water sample	blue % transmitted	green % transmitted	red % transmitted
+ 1 tsp milk	$13/13 = 100\%$	$14/14 = 100\%$	$12/12 = 100\%$
+1tsp milk + blue	$10/13 = 77\%$	$9/14 = 64\%$	$6/12 = 50\%$
+1tsp milk+green	$9/13 = 69\%$	$13/14 = 93\%$	$7/12 = 58\%$
+1tsp milk + tea	$7/13 = 54\%$	$9/14 = 69\%$	$9/12 = 75\%$