

Concentration vs Absorbance for Digital Spectrophotometer

Ozone 3, PPM (mg/Liter)

Cat. No. K-7463

600 nm

ABSORBANCE UNITS

ABS	-0.09	-0.08	-0.07	-0.06	-0.05	-0.04	-0.03	-0.02	-0.01	0.00
-0.5					0.80	0.79	0.77	0.76	0.75	0.73
-0.4	0.72	0.70	0.64	0.67	0.66	0.64	0.63	0.61	0.60	0.58
-0.3	0.57	0.56	0.54	0.53	0.51	0.50	0.48	0.47	0.45	0.44
-0.2	0.42	0.41	0.39	0.38	0.37	0.35	0.34	0.32	0.31	0.29
-0.1	0.28	0.26	0.25	0.23	0.22	0.21	0.19	0.18	0.16	0.15
0	0.13	0.12	0.10	0.09						

PPM (mg/Liter) = -1.459(abs) +0.001

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For best accuracy, generate an instrument specific calibration.