

Micro CTD 7228

Micro C Calibration

Job Information

Date	07-11-2006
Job Number	11660
Customer	University of Hawaii at Manoa

Sensor Information

Manufacturer	AML
Model Number	Type K
Serial Number	140-3
Range	0 to 7 S/m
Channel	2
Calibrated By	LW
Standards	Autosal/Hart/T2128

Calibration Data

Raw	Nref	Nte	C Ratio	Real
54150	0	77	1.252919	1.252918
48224	0	89	1.114742	1.114738
43651	0	103	1.008149	1.008131
39080	0	116	0.901557	0.901568
35241	0	130	0.812000	0.812076
30611	0	146	0.704221	0.704123
26982	0	161	0.619461	0.619495

Coefficients

A = -9.946984E-03
B = -2.670937E-07
C = 2.020871E-09
D = -5.727018E-12
E = 2.333523E-05
F = -4.447158E-10
G = 4.431016E-12
H = -1.191225E-14

$$=A+B*Nte+C*Nte^2+D*Nte^3+(E+F*Nte+G*Nte^2+H*Nte^2)*Raw$$

RMS = 0.0021 mS/cm

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