

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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