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SENSOR SERIAL NUMBER: 7297
CALIBRATION DATE: 07-Apr-23

SBE 16plus V2 CONDUCTIVITY CALIBRATION DATA
PSS 1978: C(35,15,0) = 4.2914 Siemens/meter

COEFFICIENTS:

g = -9.788967e-001
h = 1.292653e-001
i = -3.332412e-004
j = 4.013407e-005

CPcor = -9.5700e-008
CTcor = 3.2500e-006

BATH TEMP (° C)	BATH SAL (PSU)	BATH COND (S/m)	INSTRUMENT OUTPUT (Hz)	INSTRUMENT COND (S/m)	RESIDUAL (S/m)
22.0000	0.0000	0.00000	2758.43	0.0000	0.00000
1.0000	34.4786	2.94983	5526.15	2.9498	-0.00001
4.5000	34.4592	3.25433	5735.78	3.2543	-0.00000
15.0000	34.4185	4.22794	6359.03	4.2280	0.00002
18.5000	34.4100	4.57025	6563.78	4.5702	0.00000
24.0000	34.4003	5.12354	6881.53	5.1235	-0.00001
29.0000	34.3932	5.64076	7165.46	5.6407	-0.00002
32.5000	34.3858	6.00935	7360.91	6.0094	0.00002

f = Instrument Output (Hz) / 1000.0

t = temperature (°C); p = pressure (decibars); δ = CTcor; ϵ = CPcor;

Conductivity (S/m) = $(g + h * f^2 + i * f^3 + j * f^4) / (1 + \delta * t + \epsilon * p)$

Residual (Siemens/meter) = instrument conductivity - bath conductivity

