Sea-Bird Scientific
13431 NE 20th Street
Bellevue, WA 98005
USA

+1 425-643-9866
seabird@seabird.com
www.seabird.com

SENSOR SERIAL NUMBER: 4285
CALIBRATION DATE: 18-Apr-24

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

COEFFICIENTS:

```
g = -1.058384e+000
h =  1.541466e-001
i = -3.858993e-004
j =  5.035378e-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	2626.00	0.0000	0.00000
1.0000	34.6381	2.96218	5118.03	2.9622	-0.00001
4.5000	34.6181	3.26786	5308.60	3.2679	0.00001
15.0000	34.5749	4.24512	5875.84	4.2451	0.00002
18.5000	34.5652	4.58864	6062.39	4.5886	0.00001
24.0000	34.5536	5.14385	6352.02	5.1438	-0.00004
29.0000	34.5449	5.66285	6611.04	5.6629	0.00002
32.5001	34.5378	6.03290	6789.52	6.0330	0.00008

f = Instrument Output (Hz) / 1000.0

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

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

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