



Calibration Worksheet



Conductivity/Temp 17C104812

	UTC Time	Coordinated Universal Time
Start Date/Time	1/21/2018 07:34:05	1/21/2018 07:34:05
End Date/Time	1/21/2018 07:35:34	1/21/2018 07:35:34
Previous Calibration Date/Time	12/29/2017 08:42:20	12/29/2017 08:42:20

Sensor Type	Conductivity/Temp
Sensor SN	17C104812
Sensor Firmware Version	3.0.5
Calibration Parameter	SpCond μ S/cm

Sonde Type	EXO2 Sonde
Sonde SN	17D108371
Sonde Firmware Version	1.0.35
Sonde ID	Sonde 17D108371 CM



QC Score

	Cal Point 1	Cal Point 2	Cal Point 3
Standard	50000.00 Sp μ S/cm		
Pre Calibration Value	48942.10 Sp μ S/cm		
Post Calibration Value	50010.30 Sp μ S/cm		
Raw Value (Cond RAW μ S/cm)	47448.39		
Temperature	23.56 ° C		
Additional Input 1 (N/A)			
Additional Input 2 (N/A)			
Additional Input 3 (N/A)			
Type	Potassium Chloride		
Manufacturer	YSI		
Lot Number	17E100515		
Calibration Point Accepted	YES		
Stability Achieved	YES		

Completed	YES
Applied	YES
Valid	YES
Sensor Removed	NO
Uncalibrated	NO

Additional Post Calibration Info:
Cell Constant: 5.23

Hardware	EXO Desktop
KOR Version	1.0.12
Worksheet Version	1



Calibration Worksheet



Optical DO 17D107394

	UTC Time	Coordinated Universal Time
Start Date/Time	1/21/2018 08:19:26	1/21/2018 08:19:26
End Date/Time	1/21/2018 08:24:52	1/21/2018 08:24:52
Previous Calibration Date/Time	11/25/2017 01:47:20	11/25/2017 01:47:20

Sensor Type	Optical DO
Sensor SN	17D107394
Sensor Firmware Version	3.0.0
Calibration Parameter	ODO % sat

Sonde Type	EXO2 Sonde
Sonde SN	17D108371
Sonde Firmware Version	1.0.35
Sonde ID	Sonde 17D108371 CM



QC Score

	Cal Point 1	Cal Point 2	Cal Point 3
Standard	Air Saturated		
Pre Calibration Value	99.10 % sat		
Post Calibration Value	100.30 % sat		
Raw Value (ODO % RAW)	93.85		
Temperature	15.77 ° C		
Additional Input 1 (Baro mmHg)	762.70		
Additional Input 2 (N/A)			
Additional Input 3 (N/A)			
Type	Air-Saturated		
Manufacturer			
Lot Number			
Calibration Point Accepted	YES		
Stability Achieved	YES		

Completed	YES
Applied	YES
Valid	YES
Sensor Removed	NO
Uncalibrated	NO

Additional Post Calibration Info:
 Membrane SN: 17C104255
 Membrane Info Last Updated: 04/21/2017 07:23:58
 ODO Gain: 1.07

Hardware	EXO Desktop
KOR Version	1.0.12
Worksheet Version	1



Calibration Worksheet



pH 17F100785

	UTC Time	Coordinated Universal Time
Start Date/Time	1/21/2018 07:45:34	1/21/2018 07:45:34
End Date/Time	1/21/2018 08:06:17	1/21/2018 08:06:17
Previous Calibration Date/Time	12/29/2017 09:31:47	12/29/2017 09:31:47

Sensor Type	pH
Sensor SN	17F100785
Sensor Firmware Version	3.0.0
Calibration Parameter	pH

Sonde Type	EXO2 Sonde
Sonde SN	17D108371
Sonde Firmware Version	1.0.35
Sonde ID	Sonde 17D108371 CM



QC Score

	Cal Point 1	Cal Point 2	Cal Point 3
Standard	7.02 pH	10.00 pH	
Pre Calibration Value	11.20 pH	13.56 pH	
Post Calibration Value	7.14 pH	10.00 pH	
Raw Value (pH mV)	-293.79	-432.31	
Temperature	22.54 ° C	23.07 ° C	
Additional Input 1 (N/A)			
Additional Input 2 (N/A)			
Additional Input 3 (N/A)			
Type	YSI pH 7 Buffer	YSI pH 10 Buffer	
Manufacturer	YSI	YSI	
Lot Number	17E1S		
Calibration Point Accepted	YES	YES	
Stability Achieved	YES	YES	

Completed	YES
Applied	YES
Valid	NO
Sensor Removed	NO
Uncalibrated	NO

Additional Post Calibration Info:
 pH 7.02 and 10.00 Delta Slope 138.52 mV
 46.48 mV per pH unit

Hardware	EXO Desktop
KOR Version	1.0.12
Worksheet Version	1