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Calibration Worksheet

pH 18M102562

	UTC Time	Coordinated Universal Time
Start Date/Time	4/7/2019 10:31:12	4/7/2019 10:31:12
End Date/Time	4/7/2019 10:39:56	4/7/2019 10:39:56
Previous Calibration Date/Time	3/5/2019 09:27:21	3/5/2019 09:27:21

Sensor Type	pH
Sensor SN	18M102562
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	10.08 pH	
Pre Calibration Value	7.09 pH	10.16 pH	
Post Calibration Value	7.02 pH	10.08 pH	
Raw Value (pH mV)	-16.86	-190.69	
Temperature	18.92 ° C	18.71 ° 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	19A4S	19B2T	
Calibration Point Accepted	YES	YES	
Stability Achieved	YES	YES	

Completed	YES
Applied	YES
Valid	YES
Sensor Removed	NO
Uncalibrated	NO

Hardware	EXO Desktop
KOR Version	1.0.12
Worksheet Version	1

Additional Post Calibration Info:
pH 7.02 and 10.08 Delta Slope 173.83 mV
56.81 mV per pH unit

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Calibration Worksheet

pH 17F100785

	UTC Time	Coordinated Universal Time
Start Date/Time	4/7/2019 10:31:12	4/7/2019 10:31:12
End Date/Time	4/7/2019 10:39:07	4/7/2019 10:39:07
Previous Calibration Date/Time	3/25/2019 09:22:55	3/25/2019 09:22:55

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	10.08 pH	
Pre Calibration Value	6.92 pH	10.00 pH	
Post Calibration Value	7.02 pH	10.08 pH	
Raw Value (pH mV)	1.70	-171.64	
Temperature	18.92 ° C	18.72 ° 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	19A4S	19B2T	
Calibration Point Accepted	YES	YES	
Stability Achieved	YES	YES	

Completed	YES
Applied	YES
Valid	YES
Sensor Removed	NO
Uncalibrated	NO

Hardware	EXO Desktop
KOR Version	1.0.12
Worksheet Version	1

Additional Post Calibration Info:
pH 7.02 and 10.08 Delta Slope 173.34 mV
56.65 mV per pH unit

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Calibration Worksheet

Conductivity/Temp 17C104812

	UTC Time	Coordinated Universal Time
Start Date/Time	4/7/2019 10:50:04	4/7/2019 10:50:04
End Date/Time	4/7/2019 10:51:53	4/7/2019 10:51:53
Previous Calibration Date/Time	3/24/2019 03:44:47	3/24/2019 03:44:47

Sensor Type	Conductivity/Temp
Sensor SN	17C104812
Sensor Firmware Version	3.0.5
Calibration Parameter	SpCond µS/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 SpµS/cm		
Pre Calibration Value	49955.50 SpµS/cm		
Post Calibration Value	49999.50 SpµS/cm		
Raw Value (Cond RAW µS/cm)	43154.98		
Temperature	18.51 ° C		
Additional Input 1 (N/A)			
Additional Input 2 (N/A)			
Additional Input 3 (N/A)			
Type	Potassium Chloride		
Manufacturer	YSI		
Lot Number	19B100120		
Calibration Point Accepted	YES		
Stability Achieved	YES		

Completed	YES
Applied	YES
Valid	YES
Sensor Removed	NO
Uncalibrated	NO

Hardware	EXO Desktop
KOR Version	1.0.12
Worksheet Version	1

Additional Post Calibration Info:
Cell Constant: 5.18

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Calibration Worksheet

Conductivity/Temp 18L101084

	UTC Time	Coordinated Universal Time
Start Date/Time	4/7/2019 10:50:03	4/7/2019 10:50:03
End Date/Time	4/7/2019 10:50:57	4/7/2019 10:50:57
Previous Calibration Date/Time	3/5/2019 09:00:26	3/5/2019 09:00:26

Sensor Type	Conductivity/Temp
Sensor SN	18L101084
Sensor Firmware Version	3.0.5
Calibration Parameter	SpCond µS/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 SpµS/cm		
Pre Calibration Value	50528.70 SpµS/cm		
Post Calibration Value	50011.80 SpµS/cm		
Raw Value (Cond RAW µS/cm)	43188.05		
Temperature	18.52 ° C		
Additional Input 1 (N/A)			
Additional Input 2 (N/A)			
Additional Input 3 (N/A)			
Type	Potassium Chloride		
Manufacturer	YSI		
Lot Number	19B100120		
Calibration Point Accepted	YES		
Stability Achieved	YES		

Completed	YES
Applied	YES
Valid	YES
Sensor Removed	NO
Uncalibrated	NO

Hardware	EXO Desktop
KOR Version	1.0.12
Worksheet Version	1

Additional Post Calibration Info:
Cell Constant: 5.17