



SEA-BIRD
SCIENTIFIC

SUNA V2

Owner:	HACH
Serial Number:	582
Job Number:	18490680
Technician Initials:	HT
Calibration File:	SNA1999L
Calibration Date:	11/3/2023

SUNA V2 Performance Verification

	Before Calibration	After Calibration	Spec Range
Dark Level	1019	660	400 - 999
Light Max	23762	54866	45,000 - 55,000
Std. Deviation	9	10	< 10
Power Use	7578 mW	6744 mW	< 7500 mW
Lamp Temp	23.6 °C	21 °C	< 35 °C
Humidity	0.7 %	1.8 %	< 10 %
Nitrate Std. Dev	N/A	N/A	< 2 µM

Calibration Nitrate Reading

	Reading	Saltwater Spec. Range	Freshwater Spec. Range
DIW	0.84 µM	0 ± 2 µM	0 ± 2 µM
SW or LNO ₃ std	1.10 µM	0 ± 2 µM	40 ± 4 µM
NO ₃ or HNO ₃ std	40.66 µM	40 ± 4 µM	4000 ± 400 µM

Calibration Volt and Amp Readings

	Volts	Amps
DIW	0.38 V	4.87 mA
SW or LNO ₃ std	0.37 V	4.89 mA
NO ₃ or HNO ₃ std	1.94 V	10.89 mA