



Sunburst Sensors, LLC  
1226 W Broadway Ave  
Missoula, MT 59802  
+1 406 532 3247

## SAMI<sup>2</sup> CO<sub>2</sub> Calibration Certificate

November 8, 2021

Serial Number: c64  
RMA Number:  
OOI Number: 091331  
Technician: BW  
Reagent: btb0403

Table 1: SAMI<sup>2</sup> CO<sub>2</sub> calibration parameters.

A	B	C	$K_{434}$	$K_{620}$	$T_{avg}$	Range (ppm)
0.0910	0.3805	-1.2297	0.9176	1.3976	12.6411	276–1912

Table 2: Blank intensities.

Source	Reference	Signal
Dark	41	64
434 nm	3009	2788
620 nm	1934	2712

## Build Notes

**Pressure Test:** 200 psi

### Modifications:

Standard Refurbishment  
replaced thermistor (corroded) -causing IR fail  
OOI IR testing  
extended calibration  
new diaphragm

