



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: c117  
RMA Number:  
OOI Number: 091331  
Technician: BW  
Reagent: btb0406

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

A	B	C	$K_{434}$	$K_{620}$	$T_{avg}$	Range (ppm)
0.0350	0.7075	-1.6975	1.0215	1.0823	12.7569	291–1173

Table 2: Blank intensities.

Source	Reference	Signal
Dark	32	63
434 nm	3199	3300
620 nm	2878	3143

## Build Notes

**Pressure Test:** 200 psi

**Modifications:**

- standard refurbishment
- OOI IR testing
- Valve replacement
- Extended calibration

