



Sunburst Sensors, LLC
1226 W Broadway Ave
Missoula, MT 59802
+1 406 532 3246

SAMI² CO₂ Calibration Certificate

May 16, 2023

Serial Number: C0076
RMA Number: 082343
Technician: BW
Reagent: **btb_0501**

Table 1: SAMI² CO₂ calibration parameters.

A	B	C	K_{434}	K_{620}	T_{avg}	Range (ppm)
0.0449	0.6318	-1.5510	0.8147	1.2438	10.6596	203–1187

Table 2: Blank intensities.

Source	Reference	Signal
Dark	64	50
434 nm	3095	2518
620 nm	1815	2228

Build Notes

Pressure Test: 200 psi

Modifications:

0
Standard Refurbishment
IR Testing + replacements
new pump- low flow
swapped board, pad damaged-no comms
10 pct Reagent
Ext Cal

