



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

SAMI² CO₂ Calibration Certificate

December 4, 2023

Serial Number: SAMI C0047
RMA Number:
OOI Number: 276
Technician: BW
Reagent: btb_0534

Table 1: SAMI² CO₂ calibration parameters.

A	B	C	K_{434}	K_{620}	T_{avg}	Range (ppm)
0.0719	0.4877	-1.3082	1.1370	0.9532	7.5356	202–1191

Table 2: Blank intensities.

Source	Reference	Signal
Dark	30	37
434 nm	2603	2962
620 nm	2857	2731

Build Notes

Pressure Test: 200 psi

Modifications:

standard refurb
IR testing
ext cal

