



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

SAMI² CO₂ Calibration Certificate

April 9, 2025

Serial Number: SAMI C0118
Board Version: E Board
Technician: BW
Reagent: BT0618
Reagent Remaining: 80%

Table 1: SAMI² CO₂ calibration parameters.

A	B	C	K_{434}	K_{620}	T_{avg}	Range (ppm)
0.0853	0.4050	-1.3030	1.0109	1.0379	15.0815	205–2000

Table 2: Blank intensities.

Source	Reference	Signal
Dark	46	79
434 nm	2978	3044
620 nm	3127	3280

Build Notes

Pressure Test: 200 psi

Modifications:

80
Standard Refurb
IR test
2x semrock filters
ext cal
Valve replaced

