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

April 9, 2025

Serial Number: SAMI C0047  
Board Version: E-Board  
Technician: BW  
Reagent: BTB0616  
Reagent Remaining: 90%

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

A	B	C	$K_{434}$	$K_{620}$	$T_{avg}$	Range (ppm)
0.0761	0.4617	-1.3861	1.2679	1.0272	15.0153	205–1200

Table 2: Blank intensities.

Source	Reference	Signal
Dark	23	30
434 nm	2474	3138
620 nm	3156	3250

## Build Notes

**Pressure Test:** 200 psi

**Modifications:**

90

Standard Refurb

IR test

Semrock 620 filter

ext cal

