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

February 3, 2025

Serial Number: C0076  
Board Version: E Board  
Technician: BW  
Reagent: 599  
Reagent Remaining: 10%

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

A	B	C	$K_{434}$	$K_{620}$	$T_{avg}$	Range (ppm)
0.0460	0.6252	-1.6103	1.0860	1.0726	12.5920	206–1197

Table 2: Blank intensities.

Source	Reference	Signal
Dark	29	36
434 nm	2975	3234
620 nm	2879	3095

## Build Notes

**Pressure Test:** 200 psi

**Modifications:**

10  
std refurb  
IR test  
2x sem filters

