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

February 13, 2024

Serial Number: c64  
RMA Number: 277  
OOI Number: NA  
Technician: BW  
Reagent: btb\_0550

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

A	B	C	$K_{434}$	$K_{620}$	$T_{avg}$	Range (ppm)
0.0463	0.6570	-1.7648	0.9608	1.3342	8.1682	209–1991

Table 2: Blank intensities.

Source	Reference	Signal
Dark	41	60
434 nm	3296	3186
620 nm	2143	2868

## Build Notes

**Pressure Test:** 200 psi

**Modifications:**

standard Refurb  
IR testing  
new 2-pin SB cable

