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

November 8, 2021

Serial Number: c80  
RMA Number:  
OOI Number: 091331  
Technician: BW  
Reagent: btb0404

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

A	B	C	$K_{434}$	$K_{620}$	$T_{avg}$	Range (ppm)
0.0805	0.4572	-1.3710	0.9590	1.4833	12.6857	206–1957

Table 2: Blank intensities.

Source	Reference	Signal
Dark	72	63
434 nm	2936	2816
620 nm	1914	2803

## Build Notes

**Pressure Test:** 200 psi

**Modifications:**

Standard Refurbishment  
OOI IR testing  
Pump replacement (low flow)  
434 LED, 620 filter repalced  
extended calibration range

