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SAMI² CO₂ Calibration Certificate

August 30, 2018

Serial Number: c90
RMA Number: 071440
Technician: B. Wasser
Reagent: btb0200

Table 1: SAMI² CO₂ calibration parameters.

A	B	C	K_{434}	K_{620}	T_{avg}	Range (ppm)
0.0200	0.8088	-1.8976	1.1091	1.5128	15.5741	200–1196

Table 2: Blank intensities.

Source	Reference	Signal
Dark	134	54
434 nm	2878	3099
620 nm	2200	3179

Build Notes

Pressure Test: 200 psi

Modifications:

- board replaced
- 2-pin bh replaced
- swagelok plug corroded replaced
- extended range calibration

