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

October 6, 2017

Serial Number: c78  
RMA Number: 7160  
Technician: B. Wasser  
Reagent: btb0120

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

| A      | B      | C       | $K_{434}$ | $K_{620}$ | $T_{avg}$ | Range (ppm) |
|--------|--------|---------|-----------|-----------|-----------|-------------|
| 0.0750 | 0.4705 | -1.3332 | 0.7989    | 0.9736    | 10.5150   | 203–1200    |

Table 2: Blank intensities.

| Source | Reference | Signal |
|--------|-----------|--------|
| Dark   | 65        | 97     |
| 434 nm | 2786      | 2269   |
| 620 nm | 2379      | 2348   |

## Build Notes

**Pressure Test:** 200 psi

### Modifications:

XL reagent

Cold cal. 1200uATM 10C

