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

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Serial Number: C0123  
Board Version: E Board  
Technician: BW  
Reagent: 602  
Reagent Remaining: 15%

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

| A      | B      | C       | $K_{434}$ | $K_{620}$ | $T_{avg}$ | Range (ppm) |
|--------|--------|---------|-----------|-----------|-----------|-------------|
| 0.0882 | 0.4770 | -1.5167 | 0.9797    | 0.8939    | 12.5434   | 206–1197    |

Table 2: Blank intensities.

| Source | Reference | Signal |
|--------|-----------|--------|
| Dark   | 29        | 31     |
| 434 nm | 2929      | 2871   |
| 620 nm | 3522      | 3151   |

## Build Notes

**Pressure Test:** 200 psi

**Modifications:**

15  
std refurb  
IR test  
2x sem filters

