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SAMI² CO₂ Calibration Certificate

February 3, 2025

Serial Number: C0078
Board Version: E Board
Technician: BW
Reagent: 600
Reagent Remaining: 30%

Table 1: SAMI² CO₂ calibration parameters.

A	B	C	K_{434}	K_{620}	T_{avg}	Range (ppm)
0.0280	0.7429	-1.8071	1.1161	1.3148	12.5946	206–1197

Table 2: Blank intensities.

Source	Reference	Signal
Dark	33	32
434 nm	2751	3066
620 nm	2480	3252

Build Notes

Pressure Test: 200 psi

Modifications:

30
std refurb
IR test
2x sem filters

