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SAMI² CO₂ Calibration Certificate

February 3, 2025

Serial Number: C0075
Board Version: E Board
Technician: BW
Reagent: 598
Reagent Remaining: 30%

Table 1: SAMI² CO₂ calibration parameters.

A	B	C	K_{434}	K_{620}	T_{avg}	Range (ppm)
0.0261	0.7319	-1.7557	1.3237	1.0485	12.5785	206–1197

Table 2: Blank intensities.

Source	Reference	Signal
Dark	40	32
434 nm	2103	2765
620 nm	2911	3044

Build Notes

Pressure Test: 200 psi

Modifications:

30
Std refurb
Ir test
2x sem filters
new pump- failed

