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SAMI² CO₂ Calibration Certificate

May 16, 2023

Serial Number: C0075
RMA Number: 082343
Technician: BW
Reagent: btb_0503

Table 1: SAMI² CO₂ calibration parameters.

A	B	C	K_{434}	K_{620}	T_{avg}	Range (ppm)
0.0603	0.5538	-1.4517	1.3130	0.9752	10.6375	203–1187

Table 2: Blank intensities.

Source	Reference	Signal
Dark	46	32
434 nm	2462	3204
620 nm	3215	3125

Build Notes

Pressure Test: 200 psi

Modifications:

0
Standard Refurbishment
IR testing
New Cell and membrane holder
10 pct reagent
ext cal

