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SAMI² CO₂ Calibration Certificate

June 14, 2023

Serial Number: C0116
RMA Number: 032858
Technician: BW
Reagent: btb_0505

Table 1: SAMI² CO₂ calibration parameters.

A	B	C	K_{434}	K_{620}	T_{avg}	Range (ppm)
0.0519	0.6024	-1.5051	0.9433	1.8004	10.7955	202–1194

Table 2: Blank intensities.

Source	Reference	Signal
Dark	55	37
434 nm	3136	2945
620 nm	1634	2883

Build Notes

Pressure Test: 200 psi

Modifications:

0
standard refurb
IR testing
extended range cal

