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SAMI² CO₂ Calibration Certificate

April 1, 2019

Serial Number: c90
RMA Number: 71440
Technician: B. Wasser
Reagent: btb0239

Table 1: SAMI² CO₂ calibration parameters.

A	B	C	K_{434}	K_{620}	T_{avg}	Range (ppm)
0.0021	0.8864	-1.9358	1.0380	1.4841	15.3557	204–1991

Table 2: Blank intensities.

Source	Reference	Signal
Dark	133	53
434 nm	2835	2861
620 nm	2220	3155

Build Notes

Pressure Test: 200 psi

Modifications:

Board replaced due to faulty component
Seabird bulkhead changed to MCBH
Insulation resistance test
recalibration extended range.

