

# LI-7500 CO<sub>2</sub>/H<sub>2</sub>O Analyzer

## Calibration Certificate

Serial Number 75D-4197

Date: 19 Feb 2019

Code:34332

Technician

JLF

Jerry F.

### CO<sub>2</sub> Calibration Values

A = 9.34551E1

B = 2.69667E4

C = -1.06857E6

D = 1.55385E9

E = -1.68305E11

XS = -0.0002

Z = 1.40000E-3

+ SD1 = 0.0758

SD2 = -0.0834

SD3 = 1.8590

\* Ver 6.5 and above

+ Ver 7.6 and above

### H<sub>2</sub>O Calibration Values

A = 5.13585E3

B = 4.37866E6

C = -2.19306E8

XS = 0.0000

Z = -5.30000E-3

+ SD1 = 0.0194

SD2 = 0.7438

SD3 = 2.1600

### \* Signal Strength

B = 1.6

C = 3.2

### Zero/Span set on 20 Feb 2019

CO<sub>2</sub> Zero = 1.0645

CO<sub>2</sub> Span = 0.9906 (at 751 ppm)

CO<sub>2</sub> Span2 = 0.0000

H<sub>2</sub>O Zero = 1.0634

H<sub>2</sub>O Span = 1.0087 (at 12 C)

H<sub>2</sub>O Span2 = 0.0000

CX = 32318.5, WX = 46770.1

**\*\* Operation verified to -40C \*\***

### Pressure Calibration

A0 = 10.472

A1 = 26.036

<serial number>

**LI-COR**<sup>®</sup>

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