

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

## Calibration Certificate

Serial Number 75D-4098

Date: 30 May 2018

Code:33970

Technician JLF

Jerry F.

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

A = 1.07797E2

B = 2.04399E4

C = 6.61549E6

D = -4.38228E8

E = 9.47724E9

XS = -0.0010

Z = -3.00000E-4

+ SD1 = 0.0621

SD2 = -0.0981

SD3 = 1.8570

\* Ver 6.5 and above

+ Ver 7.6 and above

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

A = 5.19981E3

B = 4.69989E6

C = -3.22756E8

XS = 0.0001

Z = -1.84000E-2

+ SD1 = 0.0231

SD2 = 0.8940

SD3 = 2.1640

### \* Signal Strength

B = 1.6

C = 3.2

### Zero/Span set on 31 May 2018

CO<sub>2</sub> Zero = 1.0690

CO<sub>2</sub> Span = 0.9931 (at 751 ppm)

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

H<sub>2</sub>O Zero = 1.0095

H<sub>2</sub>O Span = 1.0106 (at 12 C)

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

CX = 41970.6, WX = 50486.6

### Pressure Calibration

A0 = 10.416

A1 = 26.036

<serial number>

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

**LI-COR**

LI-COR, inc.  
P.O. Box 4425  
Lincoln, NE 68504 USA

Phone: 402-467-3576

FAX: 402-467-2819

Toll-free: 1-800-447-3576 (U.S. & Canada)