



## Quality Control / Calibration Certificate

Product: eosGP	Serial #: GP20200089	
Description: CO <sub>2</sub> Gas Probe	Customer: UC Berkeley, Joe Verfaillie	
<input type="checkbox"/> SSC (Included)	<input checked="" type="checkbox"/> Single Range	<input type="checkbox"/> USB Cable
<input type="checkbox"/> SLC (Optional)	<input type="checkbox"/> Dual Range	<input type="checkbox"/> DC + Cable
<input type="checkbox"/> _____	<input type="checkbox"/> Calibration header	<input type="checkbox"/> GND Connector

Function:	Condition:	Result:
<b>GP Hardware</b>		
Membrane	No Defects (Visual Inspection)	Pass: <u>Y</u>
<b>GP Cable</b>		
External Power	Receives power from 12V DC power source via. cable	Pass: <u>Y</u>
Digital Comm.	Communicates w/ eosLink-GP via cable	Pass: <u>Y</u>
Analog Signal	SE wires produce voltmeter reading when GP powered	Pass: <u>Y</u>
<b>[ ] Additional GP Cable</b>		
External Power	Receives power from 12V DC power source via. cable	Pass: <u>N/A</u>
Digital Comm.	Communicates w/ eosLink-GP via cable	Pass: <u>N/A</u>
Analog Signal	SE wires produce voltmeter reading when GP powered	Pass: <u>N/A</u>
<b>Serial Extension Cable</b>		
Digital Comm.	Communicates w/ eosLink-GP via cable	Pass: <u>Y</u>
<b>DC + External Power Cable</b>		
External Power	Receives power from 12V DC power source via. cable	Pass: <u>Y</u>

Calibration:		Single (Primary) Range	0 - 20,000 ppm CO <sub>2</sub>	
<b>Spec:</b>	<b>Conc.:</b>	<b>Rated:</b>	<b>Measured</b>	<b>Result:</b>
	<i>Primary Range</i>			
	<u>682</u> ppm	<u>+/- 206.82</u>	<u>524.4 ppm</u>	Pass: <u>Y</u>
<1% range + 1% reading	<u>18406</u> ppm	<u>+/- 384.06</u>	<u>18399.5 ppm</u>	Pass: <u>Y</u>

**Notes:** [CO<sub>2</sub>] = (Vse/5) \* 1.2 \* Range  
 REPLACEMENT OF UNIT GP20140018  
 NDIR: 125135321

Calibrated at 102 kPa

Approved by: Alex Marshall Date: 3/9/2021