

# Accelerometer Calibration Certificate

## Pile Dynamics, Inc.



Calibrated by Pile Dynamics, Inc.  
Calibration performed on

Serial No: K12530 Temperature: 22.8 °C

Model: PR Humidity: 32%

Calibrated on: Channel 3 on 8G 5161 LE

### PDA CALIBRATION FACTOR

431.5 mv/5000g

(86.3  $\mu$ v/g)

R<sup>2</sup>: 0.999934 [Chip programmed]

Ref Acc 1: 69132! Cal on: 09Feb2021  
960 g's/volt

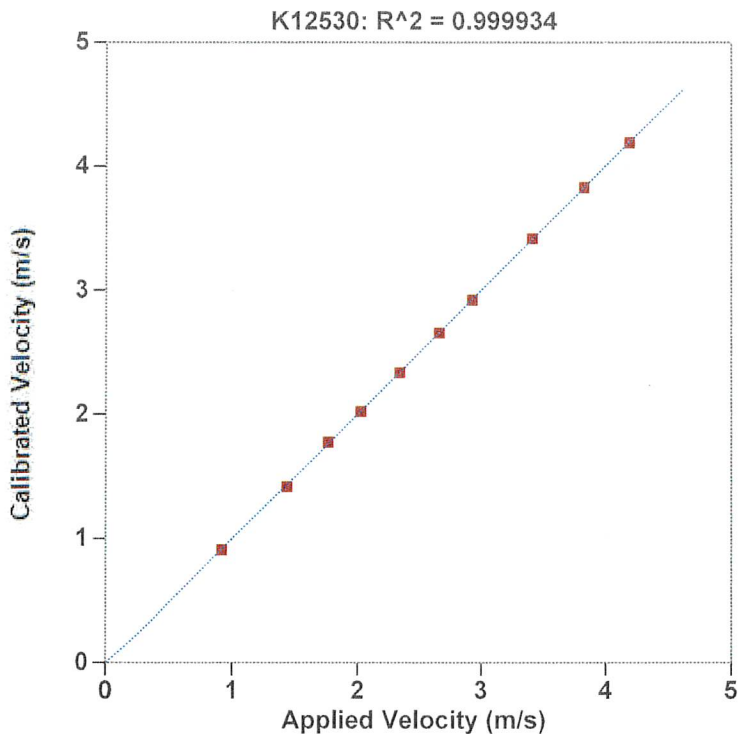
Ref Acc 2: 69096! Cal on: 27Jan2021  
978 g's/volt

Operator: William Johnson

*William Johnson* 12-16-21

Signed

Reference accelerometer calibrations are traceable to  
the United States National Institute of Standards and  
Technology (NIST).



| Reference Velocity            | S/N K12530 Velocity |
|-------------------------------|---------------------|
| m/s                           | m/s                 |
| 0.917                         | 0.909               |
| 1.429                         | 1.419               |
| 1.758                         | 1.779               |
| 2.025                         | 2.023               |
| 2.338                         | 2.336               |
| 2.658                         | 2.657               |
| 2.924                         | 2.922               |
| 3.409                         | 3.415               |
| 3.825                         | 3.827               |
| 4.193                         | 4.189               |
| Maximum Acceleration: 933 g's |                     |