

# Accelerometer Calibration Certificate

## Pile Dynamics, Inc.



Calibrated by Pile Dynamics, Inc.  
 Calibration performed on 10Jun2023

Serial No: K12120      Temperature: 73.1 °C  
 Model: PR      Humidity: 36%  
 Calibrated on: Channel 3 on 8G 5161 LE

### PDA CALIBRATION FACTOR

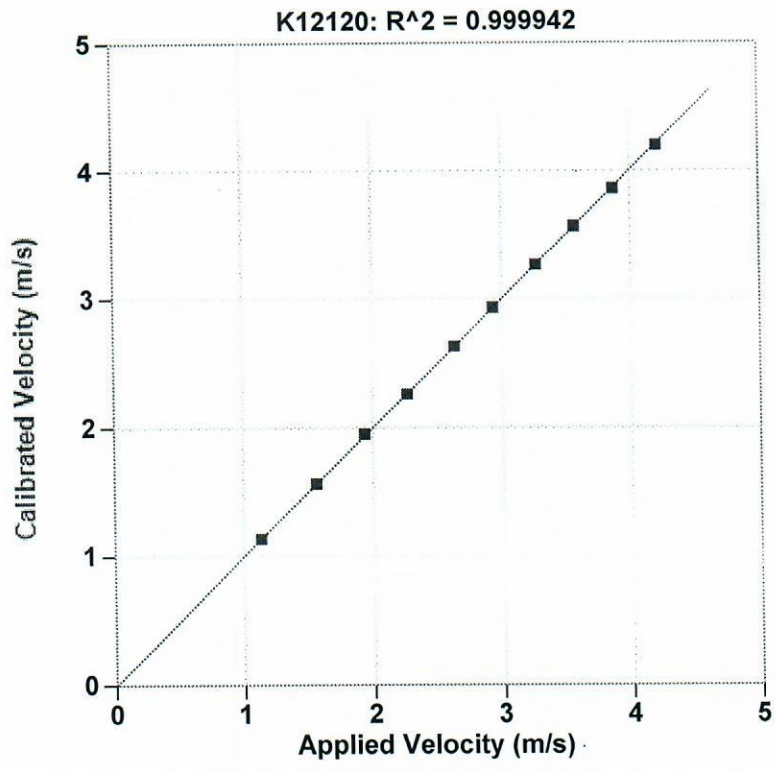
**419.1 mv/5000g**  
 (83.8 μv/g)  
 R<sup>2</sup>: 0.999942 [Chip programmed]

Operator: William Johnson

Ref Acc 1: 72505!      Cal on: 24Mar2022  
 1035 g's/volt  
 Ref Acc 2: 72517!      Cal on: 24Mar2022  
 1049 g's/volt

*William Johnson*  
 Signed

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



Reference Velocity	S/N K12120 Velocity
m/s	m/s
1.133	1.135
1.561	1.564
1.934	1.952
2.263	2.265
2.629	2.635
2.933	2.930
3.264	3.263
3.564	3.569
3.869	3.862
4.209	4.199

Maximum Acceleration: 930 g's