

# Accelerometer Calibration Certificate

## Pile Dynamics, Inc.



Calibrated by Pile Dynamics, Inc.  
 Calibration performed on 11Mar2024

Serial No: K10006      Temperature: 23.2 °C  
 Model: PR      Humidity: 29%  
 Calibrated on: Channel 3 on 8G 5161 LE

### PDA CALIBRATION FACTOR

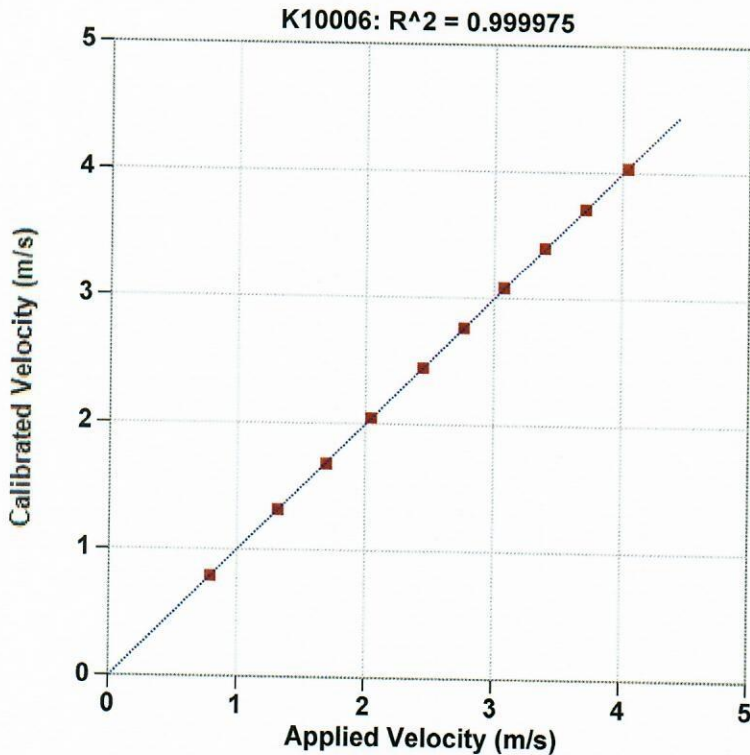
**387.8 mv/5000g**  
 (77.6  $\mu$ v/g)  
 R<sup>2</sup>: 0.999975 [Chip programmed]

Operator: William Johnson

*William Johnson*  
 Signed

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

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



Reference Velocity	S/N K10006 Velocity
m/s	m/s
0.792	0.790
1.320	1.320
1.696	1.686
2.043	2.048
2.451	2.447
2.766	2.765
3.077	3.083
3.396	3.404
3.714	3.714
4.042	4.036

Maximum Acceleration: 865 g's