



Calibration Certificate

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CALIBRATION SYSTEM USED	MODEL	PORTACOUNT PLUS® 8048
PortaCount Bench I	SERIAL NO.	8048204126

CALIBRATION DATA (FIT FACTORS)

TEST NUMBER	MEASURED FIT FACTORS <i>Tolerance: ± 15% of standard</i>		
	TESTING STANDARD	INSTRUMENT OUTPUT	PERCENT DIFFERENCE
1	7337.8	7263.0	-1.02
2	1917.0	1978.6	3.21
3	120.2	129.2	7.44
4	36.4	39.6	8.73

* Indicates out of tolerance condition

TSI Incorporated certifies that the above described instrument conforms to our specifications and has been calibrated using standards that are traceable to the National Institute of Standards and Technology (NIST) within the limitations of NIST calibration services. In the cases where no NIST standard exists, the standards' accuracies have been derived from accepted values of natural physical constants or have been derived by the ratio type of self-calibration techniques. TSI is registered to ISO-9001:2015. This report may not be reproduced except in full, unless permission for the publication of an approved abstract is obtained in writing from the calibration organization issuing this report.

Measurement Variable	System ID Number	Date Last Calibrated	Calibration Due Date
DC Voltage	E005288	06-17-20	06-30-21
DC Voltage	E002791	06-17-20	06-30-21
Particle Concentration	E005628	03-18-20	03-31-21
Particle Concentration	E010522	03-17-20	03-31-21
Particle Diameter	E003634	05-15-20	05-31-21

Calibration procedure used: 10000036919

Overall Rating: PASS

Paul New

Oct. 7, 2020

Calibrated By

Calibration Date

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