

Certificate of Calibration

Certificate Number: 849003

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Customer Details:

Customer Name: AINSA

Customer Number: 90497

Instrument Details:

Manufacturer:	Extech Instruments Corporation	Date Re	April 3, 2018
Description:	Sound Level Meter	Calibration Date:	May 25, 2018
Model Number:	40798	Calibration Due:	May 25, 2019
Serial Number:	G034437	Interval:	12 Months
ID Number:	N/A	As Received:	In Tolerance

Environmental Details:

Temperature:	21°C ± 5°C	Relative Humidity:	40% ± 15%
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Procedures Used:

Checking Procedure: 407980 dated December 1999 - QC

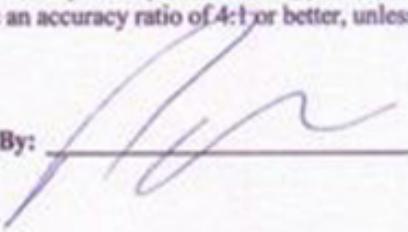
Calibration Procedure: 407980-C dated April 2004.

Certification

Extech Instruments certifies that the instrument listed above meets the specifications of the manufacturer at the completion of its calibration. Standards used are traceable to the National Institute of Standards and Technology (NIST), or have been derived from accepted values, natural physical constants, or through the use of the ratio method of self-calibration techniques. Methods used are in accordance with ISO10012-1 and ANSI/NCSL Z540-1-1994. This certificate is not to be reproduced other than in full, except with prior written approval of Extech Instruments Corporation. All calibration standards used have an accuracy ratio of 4:1 or better, unless otherwise stated.

Technician's Notes:

Technician: Rachel Benichasa

Approved By: 



Certificate of Conformity and Calibration

Instrument Type:- Microdust Pro (Standard Range: 0-2.5, 0-25, 0-250, 0-2500mg/m³)
Serial Number 1075216

Calibration Principle:-

Calibration is performed using ISO 12103 Pt1 A2 Fine test dust (Natural ground mineral dust, predominantly silica, Arizona Road Dust equivalent, Particle size range 0.1 to 80 μm).

A Wright Dust feeder system is used to inject and disperse calibration dust within a wind tunnel system. Particulate mass concentration is established using isokinetic sampling and gravimetric methods.

Test Conditions:- 18 °C
54 %RH **Test Engineer:-** Robert Taylor
 Date of Issue:- October 11, 2018

Equipment:-

Microbalance:-	Cahn C-33 Sn 75611
Air Velocity Probe:-	DA40 Vane Anemo. Sn 10080
Flow Meter:-	BGI TrICal EQ10651

Calibration Results Summary:-

Applied Concentration	Indication	Error	
5.14 mg/m ³	5.17	1%	Target Error <15%

Declaration of conformity:-

This test certificate confirms that the instrument specified above has been successfully tested to comply with the manufacturer's published specifications. Tests are performed using equipment traceable to national standards in accordance with CaseLLA's ISO 9001:2000 quality procedures. This product is certified as being compliant to the requirements of the CE Directive.

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