



CERTIFICATE OF ACCREDITATION

The ANSI National Accreditation Board

Hereby attests that

**Massachusetts State Police Forensic Services Division
Crime Laboratory
Office of Alcohol Testing
124 Acton Street, Maynard, Massachusetts 01754 USA**


Fulfills the requirements of

**ISO/IEC 17025:2017
Accreditation Requirements for Forensic
Testing and Calibration (2023)**

In the field of

Forensic Calibration

This certificate is valid only when accompanied by a current scope of accreditation document.
The current scope of accreditation can be verified at www.anab.org.


Pamela L. Sale, Vice President, Forensics

Expiry Date: 30 September 2026
Certificate Number: FC-0014





ANSI National Accreditation Board

**SCOPE OF ACCREDITATION TO:
ISO/IEC 17025:2017**

Accreditation Requirements for Forensic Testing and Calibration (2023)

**Massachusetts State Police Forensic Services Division
Crime Laboratory Office of Alcohol Testing**

124 Acton Street
Maynard, Massachusetts 01754 USA

FORENSIC CALIBRATION

Expiry Date: 30 September 2026

Certificate Number: FC-0014

Discipline – Toxicology

Component Calibrated ¹	Calibration Method	Breath Alcohol Instrument Reporting Range	Expanded Uncertainty of Measurement ²	Metrological Traceability
Infrared Spectroscopy ³	OAT Certificate of Calibration Procedure for the Alcotest 9510	0.00 - 0.079 g ethanol/210 L vapor	± 0.004 % g ethanol/210 L vapor	Barometer Certified Reference Material
		0.080 - 0.199 g ethanol/210 L vapor	± 0.005 % g ethanol/210 L vapor	
		0.200 - 0.630 g ethanol/210 L vapor	± 0.011 % g ethanol/210 L vapor	
			<i>k</i> =3, 99.73%	

Note 1: Component calibrated indicates the breath alcohol measuring instrument detector(s) used for measuring breath alcohol. Detector(s) used for qualitative purposes will not be listed on the Scope of Accreditation.

Note 2: The expanded uncertainty is expressed at the stated coverage probability (e.g., 95.45%) and coverage factor (e.g., *k* = 2). The actual measurement uncertainty reported on a certificate of calibration will be equal to or greater than the expanded uncertainty of measurement stated on this scope.

Note 3: This instrument also employs Electrochemical Oxidation for qualitative purposes.

Pamela L. Sale
Vice President, Forensics

