



ASCLD/LAB-International Scope of Accreditation

Accreditation Requirements:
 ISO/IEC 17025:2005 and
 ASCLD/LAB-International Supplemental Requirements
 for the Accreditation of Forensic Science Calibration Laboratories
 Breath Alcohol Measuring Instruments (Version 1.0)

Washington State Patrol Breath Test Program

811 East Roanoke
Seattle, Washington 98102

FORENSIC SCIENCE CALIBRATION

Valid to: November 13, 2018

Certificate Number: ALI-013-C

1.0 Chemistry and Instrumental Analysis

Discipline – Toxicology

Category of Calibration – Breath Alcohol Measuring Instruments

Technology ¹	Range (reporting range)	Expanded Uncertainty of Measurement ²	Measurement Traceability	Location
Infrared Spectroscopy ^{3,4}	0.000 – 0.600 g ethanol/210 L vapor	± 0.0008 g ethanol/210L vapor 95.45%, k=2	Thermometer Certified Reference Material Digital Multimeter	WSP - Burlington WSP – Marysville WSP – Poulsbo WSP – Seattle (Roanoke) WSP – Tumwater WSP – Tacoma WSP – Vancouver WSP – Wenatchee WSP – Union Gap (Yakima) WSP - Spokane
Infrared Spectroscopy/ Electrochemical Oxidation (Fuel Cell) ^{3,4}	0.000 – 0.630 g ethanol/210 L vapor	± 0.0008 g ethanol/210L vapor 95.45%, k=2	Barometer Thermometer Certified Reference Material	WSP - Burlington WSP – Marysville WSP – Poulsbo WSP – Seattle (Roanoke) WSP – Tumwater WSP – Tacoma WSP – Vancouver WSP – Wenatchee WSP – Union Gap (Yakima) WSP - Spokane





ASCLD/LAB-*International* Scope of Accreditation

Notes:

1. Technology 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.
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.
3. Field Calibration: A field calibration is one performed at a location not under the control of the calibration laboratory. Since field conditions are typically more variable than those in the laboratory, larger measurement uncertainties are expected in the field than what is reported on the scope of accreditation.
4. The forensic service provider performs calibration services in their laboratory and in the field.



Vice President

