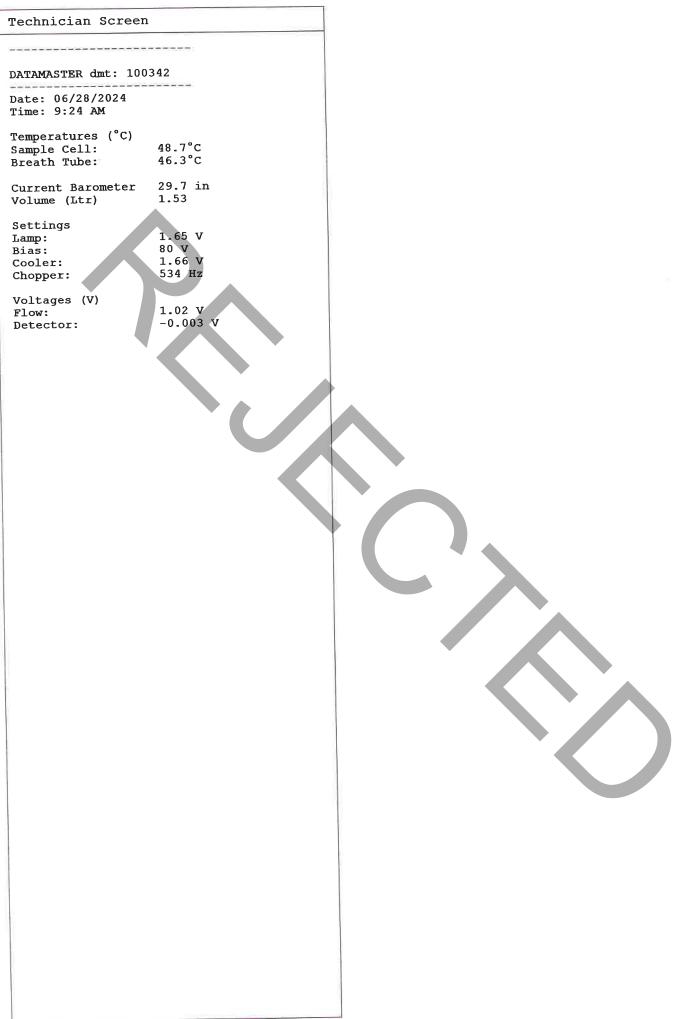
Alaska Scientific Crime Detection Laboratory
DataMaster Calibration Form
Effective: 1/23/2024 Version: 4.0
Instrument #: 100342 Analyst or Technician Name: <u>Kaija Suishar</u> DataMaster DMT Calibration Start Date: <u>6/28/24</u> <u>Diagnostic Test</u> Perform Diagnostic Test (View Details) Printernal Standard Value $\leq 3.00\%$ Deruw Watter M 07/11/24
 Adjust Voltages (if needed) Lamp (2.60 V Maximum) Bias Cooler (2.00 V Maximum) Set RFI Sensitivity Adjust internal barometer reading to match NIST-traceable barometer Barometer/Thermometer/Hygrometer S/N: 230307229 Calibration Due Date: May 2,2025 Verify Volume Setting (1.50 L +/- 0.10 L), adjust if needed Print Technician Screen Print "Cal Factors"
Minimum Volume Test Perform Minimum Volume (Subject) Test: <u>15</u> liters (1.3 L to 1.7 L)
As Left Linearity Testing Barometric Pressure (in Hg) 29,69 Temperature(C) 21.6 Relative Humidity(%) 39 Approved Concentrations (g/210L): 0.020, 0.040, 0.080, 0.100, 0.150, 0.300 Functional Tests Incomplete Maximum Attempts Exceeded Invalid Radio Frequency Interference (RFI) Interference (Volatiles) - Print with View Details 1. Acetone Reagent Lot Number: 2024/05/01/4/S_ Expiration Date: \$1/124 Simulator S/N: \$P1088 Thermometer Verification Performed? 2. Isopropanol Reagent Lot Number: 2024/05/01/MNC. Expiration Date: \$1/124 Simulator S/N: \$P1088 Thermometer Verification Performed? 3. Negative (Ethanol Only) Lot Number: 224/05/01/MNC. Expiration Date: \$1/124 Simulator S/N: \$D1198 Thermometer Verification Performed? Calibrated External Thermometer S/N: 1306/31106/ Calibration Due Date: 9/14/2025 Expiration Date: \$1/124 Verify Stylus Calibration Perform Non-Drinking Subject Test
Image: Construction Image: Construction Image: Constretion Image: Constretion
Completion Lab Work End Date: <u>6/28/29</u> Data Interpretation Date (Technician): (if applicable) Data Interpretation Date (Analyst): <u>KS 6/28/29</u>

All printed copies are uncontrolled.

Approved by: Chemistry Supervisor

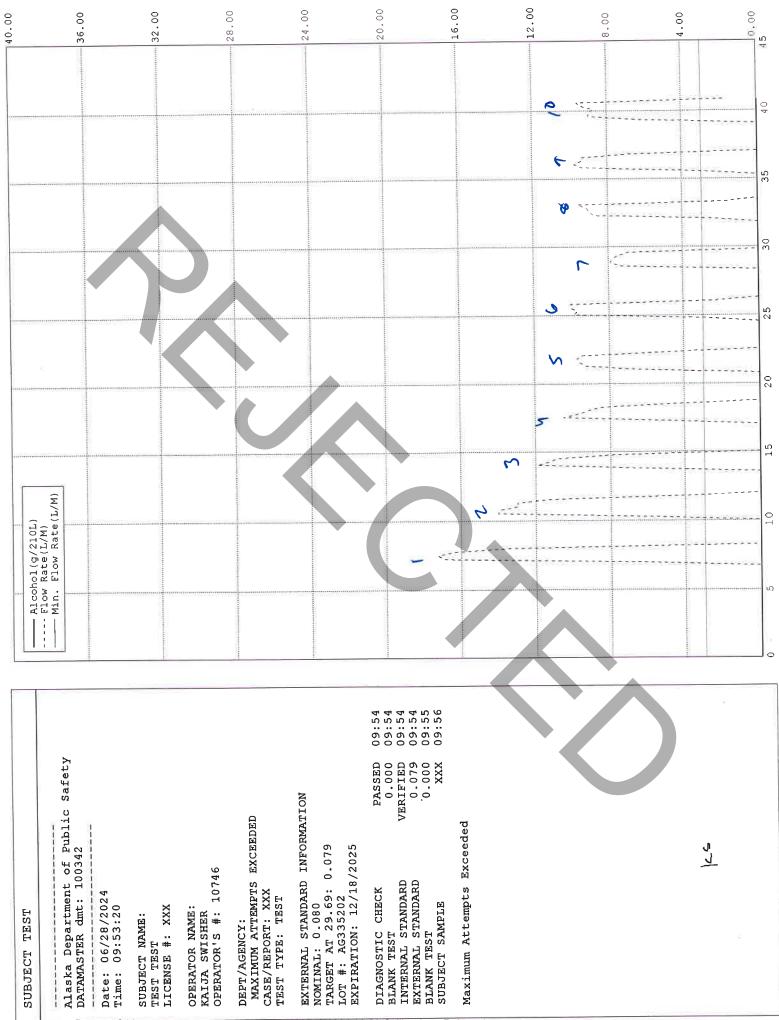
DIAGNOSTIC RECORD		
Alaska Department of Public Safet DATAMASTER dmt: 100342	У	
Date: 06/28/2024		
Time: 09:09:35		
UTERTONS		
VERSIONS DMT: 3.02		
PIC: 3.03 Modem: 2.6		
Questions: 2.2		
TEMPERATURES		
Sample Chamber = 48.7°C	PASSED	
(44.0°C - 52.0°C) Breath Tube = 46.1°C	PASSED	
(38.0°C - 50.0°C)		
SETTINGS Lamp Voltage = 1.65 V	PASSED	
(0.99 V - 2.31 V)		
Cooler Voltage = 1.61 V (0.97 V - 2.25 V)	PASSED	
Bias Voltage = 80 V (48 V - 112 V)	PASSED	
Chopper Freq = 534 Hz (475 Hz - 575 Hz)	PASSED	
Barometer = 29.7 in		
PUMP INFO		
Flow Rate = 4.252 L/M (3.500 L/M - 6.500 L/M)	PASSED	
DETECTOR INFO		
PUMP ON (0.002 V <= 0.010 V)	PASSED	
PUMP OFF	PASSED	A
$(0.003 V \le 0.010 V)$		
FILTER INFO Filter 1	PASSED	
Filter 2 Filter 3	PASSED PASSED	
INTERNAL STANDARD Xq = 0.085 0.00% (0.00% - 4.0	PASSED 0%)	

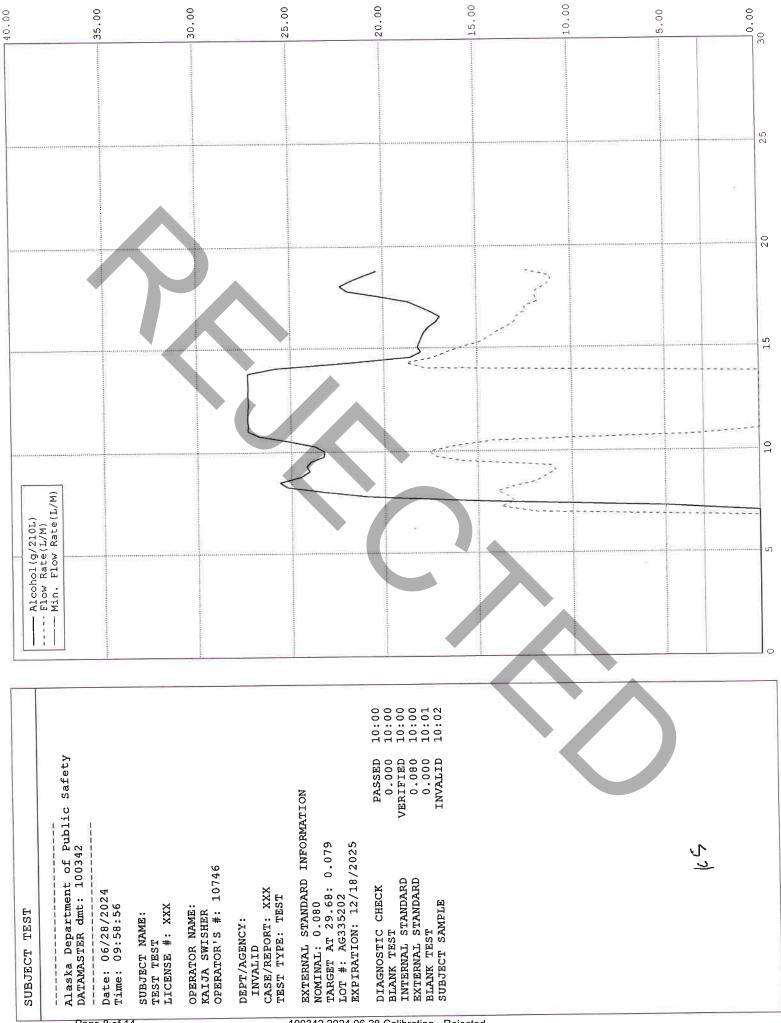


CALIBRATION FACTORS	
Alaska Department of Public Safety DATAMASTER dmt: 100342	
Date: 06/19/2024 Time: 10:31:28	
OPERATOR NAME: KAIJA SWISHER CERTIFICATE #: 10746	
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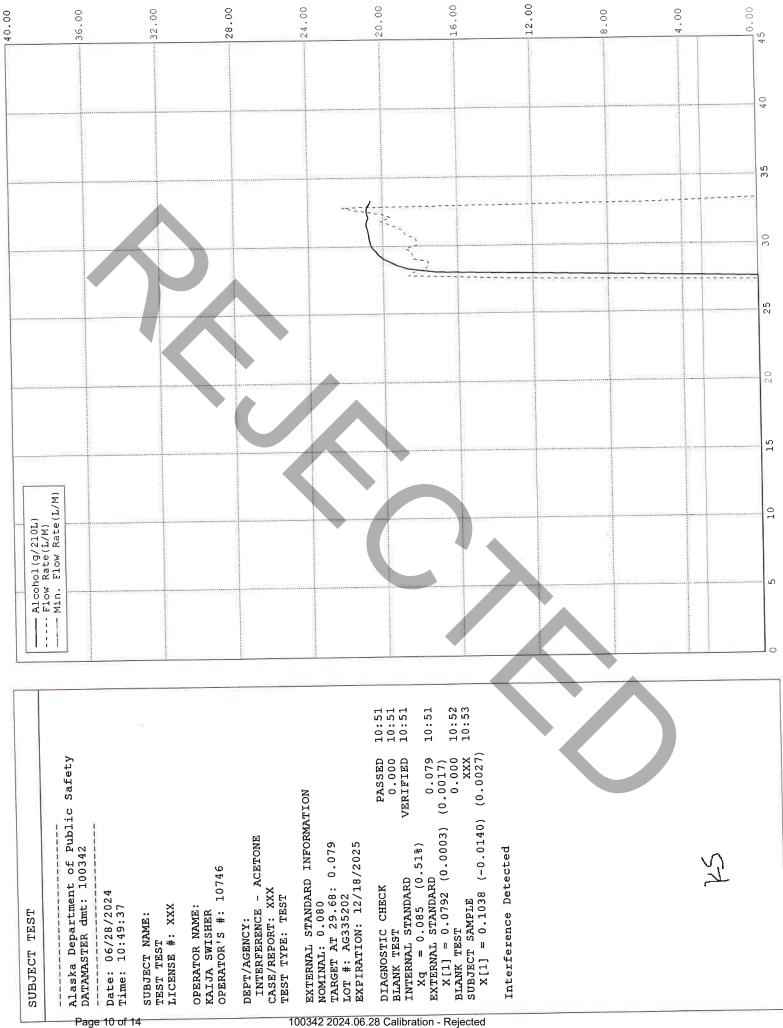
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T TEST	Department	06/28/2024 09:26:06	NAME: ST #: XX	DR NAME WISHER R'S #:	NEPT/AGENCY: MINIMUM VOLUME MASE/REPORT: XXX EST TYPE: TEST	AL STAN 1: 0.08 AT 29. AG3352 AG3352	STIC CF FEST AL STAN AL STAN L STAN TEST	L AME. TEST AL STA TEST				
SUBJECT	Alaska Depa DATAMASTER	Date: 0 Time: 0	SUBJECT NAME: TEST TEST LICENSE #: XXX	OPERATOR NAME: KAIJA SWISHER OPERATOR'S #:	DEPT/AGENCY: MINIMUM VOLUME CASE/REPORT: XXX TEST TYPE: TEST	EXTERNAL STANDARD INFO NOMINAL: 0.080 TARGET AT 29.69: 0.079 LOT #: AG335202 EXPIRATION: 12/18/2025	DIAGNOSTIC CHECK BLANK TEST INTERNAL STANDARD EXTERNAL STANDARD BLANK TEST	SUBJECT SAMFLE (V BLANK TEST EXTERNAL STANDARD BLANK TEST				
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	AUDUECI 1531 Alaska Department DATAMASTER dmt: 1	Date: 06 Time: 10	SUBJECT NAME: TEST TEST LICENSE #: XX	OPERATOR NAME: KAIJA SWISHER OPERATOR'S #:	DEPT/AGENCY: RFI CASE/REPORT: XXX TEST TYPE: TEST	EXTERNAL STANDARD INFO NOMINAL: 0.080 TARGET AT 29.69: 0.079 LOT #: AG335202 EXFIRATION: 12/18/2025	DIAGNOSTIC CHECK BLANK TEST INTERNAL STANDARD EXTERNAL STANDARD BLANK TEST	RFI DETECTED				
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	SUBJECT TEST 	Date: 06/28/2024 Time: 10:56:38 SUBJECT NAME: TEST TEST LICENSE #: XXX	OPERATOR NAME: KAIJA SWISHER OPERATOR'S #: 10746 DEPT/AGENCY: INTERFERENCE - IPA	TEST TYPE: TEST TEST TYPE: TEST EXTERNAL STANDARD INFORMATION NOMINAL: 0.080 TARGET AT 29.69: 0.079 LOT #: AG335202 EXPIRATION: 12/18/2025	D 0.10%) D (0.0002) (X[1] = 0.1062 (-0.0267) Interference Detected	Filter 2 average = 0 Filter 3 average = 0 KS 6/28/24	N N N	

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				LVE	DRMATIO 9 5	101					
	irtment of Public dmt: 100342	4	10746	NEGATIVE X	RD INFO : 0.079 18/2029	ΣК \LRD (0.20%) \LRD 2 (-0.0001)	(Vol=1.70L) 0 (0.0000) (C ARD 4 (0.0011) (C			Ϋ́τ	
TEST	Department	06/28/2024 11:01:25 CT NAME: TEST FF #: XXX		NCY: RENÇE - DRT: XX) S: TEST	STANDA 0.080 [29.68 3335202 3N: 12/	CHEC FAND7 186 FAND7 192	EST SAMPLE (= 0.0890 FEST AL STANDAF = 0.0794 FEST				
SUBJECT	Alaska Depa DATAMASTER	Date: 06/28/2 Time: 11:01:2 SUBJECT NAME: TEST TEST TTCENSE #: XX	OPERATOR NAME: KALJA SWISHER OPERATOR'S #:	DEPT/AGENCY: INTERFERENCE - 1 CASE/REPORT: XXX TEST TYPE: TEST	EXTERNAL STANDARD INFORMATION NOMINAL: 0.080 TARGET AT 29.68: 0.079 LOT #: AG335202 EXPIRATION: 12/18/2025	DIAGNOSTIC BLANK TEST INTERNAL ST XQ = 0.(X[1] = 0.	BLANK TEST SUBJECT SAMPLE (Vol=1.70) X[1] = 0.0890 (0.0000) BLANK TEST EXTERNAL STANDARD X[1] = 0.0794 (0.0011) X[1] = 0.0794 (0.0011) BLANK TEST				
		ge 12 of 14				.28 Calibration - Re	eiected				

VERIFICATION OF CALIBRATION REPORT

of DataMaster dmt Breath Test Instrument State of Alaska

Serial #: 100342

Date:06/28/2024

PASSED

PASSED

PASSED

PASSED

PASSED

PASSED

PASSED PASSED

PASSED

	State Of Afaska
2	Scientific Crime Detection Laboratory - Statewide Breath Alcohol Program

Diagnostic Check

External Standard Test Values	Diagno
EXTERNAL STANDARD INFORMATION NOMINAL: 0.080 TARGET AT 29.68: 0.079 LOT #: AG335202 EXPIRATION: 12/18/2025 TANK PRESSURE: 1098 psi BLANK TEST 0.000 10:35	VERSIONS DMT: 3.02 PIC: 3.03 Modem: 2.6 Questions: 2.2 TEMPERATURES
INTERNAL STANDARDVERIFIED10:35EXTERNAL STANDARD0.07910:35BLANK TEST0.00010:36EXTERNAL STANDARD0.08010:36BLANK TEST0.00010:37EXTERNAL STANDARD0.08010:37BLANK TEST0.00010:38EXTERNAL STANDARD0.07910:38BLANK TEST0.00010:39EXTERNAL STANDARD0.08010:39	Sample Chamber = 48.8°C Breath Tube = 43.9°C PUMP INFO Flow Rate = 4.227 L/M DETECTOR INFO PUMP ON PUMP OFF
BLANK TEST 0.000 10:40 Average = 0.0796 Std Dev = 0.0005	FILTER INFO Filter 1 Filter 2 Filter 3 INTERNAL STANDARD

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	 Public 42				SUBJECT TEST XX ST	EXTERNAL STANDARD INFORMATION NOMINAL: 0.080 TARGET AT 29.68: 0.079 LOT #: AG335202 EXPIRATION: 12/18/2025	IV	=1.86L)				х V
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	T TEST	06/28/2024 10:42:28	NAME: ST #: XXX	R NAME WISHER R'S #:	BEPT/AGENCY: NON-DRINKING S' ASE/REPORT: XX EST TYPE: TEST	AL STAN . 0.08 AT 29.1 AG3352(AG3352(ION: 1.	DIAGNOSTIC CHECK BLANK TEST INTERNAL STANDARD	EXTERNAL STANDARD BLANK TEST SUBJECT SAMPLE (Vol=1.86L) BLANK TEST EXTERNAL STANDARD BLANK TEST				
	SUBJECT TEST Alaska Department DaraMasreR dmt: 1	Date: 0 Time: 1	SUBJECT NAME: TEST TEST LICENSE #: XX	OPERATOR NAME: KALJA SWISHER OPERATOR'S #: 1	DEPT/AGENCY: NON-DRINKING SU CASE/REPORT: XXX TEST TYPE: TEST	EXTERNAL ST1 NOMINAL: 0.(TARGET AT 2: LOT #: AG33! EXPIRATION:	DIAGNOSTIC CHECK BLANK TEST INTERNAL STANDAR	EXTERNAL S' BLANK TEST SUBJECT SA BLANK TEST EXTERNAL S' BLANK TEST BLANK TEST				
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