## **VERIFICATION OF CALIBRATION REPORT**

of DataMaster dmt Breath Test Instrument State of Alaska

Serial #: 100366

## Scientific Crime Detection Laboratory - Statewide Breath Alcohol Program

Date:12/12/2020

External Standard Test ValuesDiagnostic CheckEXTERNAL STANDARD INFORMATION NOMINA : 0.080 TAT 29.802 TAT 29.8022 TAT 29.802 TAT 29.802 <br< th=""><th></th><th></th><th></th><th></th><th>~</th><th></th></br<>					~	
NOMINAL: 0.080 TARGET AT 29.89: 0.080 LOT #: AG923401 EXPIRATION: 08/22/2021 TANK PRESSURE: 821 psiVERSIONS DMT: 3.02 PIC: 3.03 Modem: 2.6 Questions: 2.2BLANK TEST EXTERNAL STANDARD BLANK TEST BLANK TEST EXTERNAL STANDARD BLANK TEST BLANK TEST BLAN	External Standard Test Values				Diagnostic Check	
NOMINAL: 0.080 TARGET AT 29.89: 0.080 LOT #: AG923401 EXPIRATION: 08/22/2021 TANK PRESSURE: 821 psiVERSIONS DMT: 3.02 PIC: 3.03 Modem: 2.6 Questions: 2.2BLANK TEST EXTERNAL STANDARD BLANK TEST BLANK TEST EXTERNAL STANDARD BLANK TEST BLANK TEST BLAN	EVERNAL CEANDADD INFOD	MARTON				
TARGET AT 29.89: 0.080 LOT #: AG923401 EXPIRATION: 08/22/2021 TANK PRESSURE: 821 psiDMT: 3.02 PIC: 3.03 Modem: 2.6 Questions: 2.2BLANK TEST0.000 0.078 12:02 EXTERNAL STANDARD0.070 0.078 12:03 BLANK TESTTEMPERATURESBLANK TEST0.000 0.078 12:03 BLANK TESTSample Chamber = 48.7°C Breath Tube = 44.7°CPASSEDPUMP INFO EXTERNAL STANDARD0.078 0.078 12:03 BLANK TESTPUMP INFO Flow Rate = 4.748 PUMP OFFPASSEDBLANK TEST0.000 0.079 12:06 BLANK TEST0.000 0.079 12:06PUMP ON PASSEDAverage = 0.0782 Std Dev = 0.0004PUMP INFO Filter 1 PASSEDPILTER INFO Filter 1 PASSED		MATION		UPPOTONO		
LOT #: AG923401 EXPIRATION: 08/22/2021 TANK PRESSURE: 821 psiPIC: 3.03 Modem: 2.6 Questions: 2.2BLANK TEST0.000 12:02 VERIFIED 12:02 EXTERNAL STANDARDTEMPERATURESBLANK TEST0.000 12:02 0.000 12:03 EXTERNAL STANDARDTEMPERATURESBLANK TEST0.000 12:04 0.078 12:03 BLANK TESTSample Chamber = 48.7°C Breath Tube = 44.7°CPASSEDBLANK TEST0.000 12:04 0.078 12:05 EXTERNAL STANDARDPUMP INFO Flow Rate = 4.748 L/MPASSEDBLANK TEST0.000 12:06 BLANK TESTDETECTOR INFO PUMP ON PASSEDPUMP ON PASSEDBLANK TEST0.000 12:07PUMP OFFPASSEDAverage = 0.0782 Std Dev = 0.0004FILTER INFO Filter 1PASSED PASSED						
EXPIRATION: 08/22/2021 TANK PRESSURE: 821 psiModem: 2.6 Questions: 2.2BLANK TEST0.000 12:02 VERIFIED 12:02 EXTERNAL STANDARDVERIFIED 12:02 0.078 12:03 BLANK TESTTEMPERATURESBLANK TEST0.000 12:03 0.078 12:04 EXTERNAL STANDARDSample Chamber = 48.7°C Breath Tube = 44.7°CPASSEDBLANK TEST0.000 12:03 0.078 12:04 BLANK TESTDOUD 12:04 0.078 12:05 BLANK TESTPUMP INFO Flow Rate = 4.748 L/MPASSEDBLANK TEST0.000 12:05 BLANK TESTDETECTOR INFO PUMP ON PASSEDPASSEDBLANK TEST0.000 12:07PUMP ON PASSEDPASSEDAverage = 0.0782 Std Dev = 0.0004Average = 0.0782 Std Dev = 0.0004PUMP ON PASSEDPASSED						
TANK PRESSURE: 821 psiQuestions: 2.2BLANK TEST0.00012:02TEMPERATURESINTERNAL STANDARDVERIFIED12:02Sample Chamber = 48.7°CPASSEDBLANK TEST0.00012:03Breath Tube = 44.7°CPASSEDBLANK TEST0.00012:04PUMP INFOPASSEDEXTERNAL STANDARD0.07812:04PUMP INFOBLANK TEST0.00012:05DETECTOR INFOBLANK TEST0.00012:06PUMP ONBLANK TEST0.00012:07FILTER INFOAverage = 0.0782Std Dev = 0.0004Filter 1PASSEDFilter 3Filter 3PASSED						
BLANK TEST0.00012:02TEMPERATURESINTERNAL STANDARDVERIFIED12:02Sample Chamber = 48.7°CPASSEDBLANK TEST0.007812:03Breath Tube = 44.7°CPASSEDBLANK TEST0.00012:04PUMP INFOPASSEDBLANK TEST0.00012:04Flow Rate = 4.748 L/MPASSEDBLANK TEST0.00012:05DETECTOR INFOPASSEDBLANK TEST0.00012:06PUMP ONPASSEDBLANK TEST0.00012:07FILTER INFOPASSEDAverage = 0.07820.00412:07FILTER INFOPASSEDAverage = 0.00040.00412:07FILTER INFOPASSED			a second s			
INTERNAL STANDARDVERIFIED12:02EXTERNAL STANDARD0.07812:02BLANK TEST0.00012:03EXTERNAL STANDARD0.07812:03BLANK TEST0.00012:04BLANK TEST0.00012:04BLANK TEST0.00012:05BLANK TEST0.00012:05BLANK TEST0.00012:05BLANK TEST0.00012:06BLANK TEST0.00012:06BLANK TEST0.00012:07Average = 0.07820.0782Std Dev = 0.0004Image: Standard St	TANK PRESSURE: 821 psi			Questions: 2.2		
EXTERNAL STANDARD0.07812:02Sample Chamber = 48.7°CPASSEDBLANK TEST0.00012:03Breath Tube = 44.7°CPASSEDEXTERNAL STANDARD0.07812:03PUMP INFOPASSEDEXTERNAL STANDARD0.07812:04Flow Rate = 4.748 L/MPASSEDBLANK TEST0.00012:05DETECTOR INFOPASSEDBLANK TEST0.00012:06PUMP ONPASSEDBLANK TEST0.00012:07FILTER INFOPASSEDBLANK TEST0.00012:07FILTER INFOFilter 1Average = 0.07825td Dev = 0.0004Filter 2Filter 3PASSED	BLANK TEST	0.000	12:02	TEMPERATURES		
BLANK TEST0.00012:03Breath Tube= 44.7°CPASSEDEXTERNAL STANDARD0.07812:03PUMP INFOPUMP INFOEXTERNAL STANDARD0.07812:04Flow Rate = 4.748 L/MPASSEDBLANK TEST0.00012:05DETECTOR INFOPASSEDBLANK TEST0.00012:06PUMP ONPASSEDBLANK TEST0.00012:07FILTER INFOPASSEDBLANK TEST0.00012:07FILTER INFOAverage = 0.07825Filter 1PASSEDStd Dev = 0.0004Filter 3PASSED	INTERNAL STANDARD	VERIFIED	12:02			
EXTERNAL STANDARD0.07812:03BLANK TEST0.00012:04PUMP INFOEXTERNAL STANDARD0.07812:04Flow Rate = 4.748 L/MPASSEDBLANK TEST0.00012:05DETECTOR INFOPASSEDBLANK TEST0.00012:06PUMP ONPASSEDBLANK TEST0.00012:07FILTER INFOPASSEDAverage = 0.07820.0782FILTER INFOFilter 1PASSEDStd Dev = 0.0004Filter 3PASSEDPASSED	EXTERNAL STANDARD	0.078	12:02	Sample Chamber	= 48.7°C	PASSED
BLANK TEST   0.000   12:04   PUMP INFO     EXTERNAL STANDARD   0.078   12:04   Flow Rate = 4.748 L/M   PASSED     BLANK TEST   0.000   12:05   DETECTOR INFO   PASSED     BLANK TEST   0.000   12:06   PUMP ON   PASSED     BLANK TEST   0.000   12:06   PUMP ON   PASSED     BLANK TEST   0.000   12:07   FILTER INFO   PASSED     Average = 0.0782   5   Filter 1   PASSED     Std Dev = 0.0004   Filter 3   PASSED	BLANK TEST	0.000	12:03	Breath Tube	= 44.7°C	PASSED
EXTERNAL STANDARD0.07812:04Flow Rate = 4.748 L/MPASSEDBLANK TEST0.00012:05DETECTOR INFOPASSEDBLANK TEST0.00012:06PUMP ONPASSEDBLANK TEST0.00012:07FILTER INFOPASSEDAverage = 0.07820.0782Filter 1PASSEDStd Dev = 0.0004Filter 3PASSEDPASSED	EXTERNAL STANDARD	0.078	12:03			
BLANK TEST0.00012:05EXTERNAL STANDARD0.07812:05BLANK TEST0.00012:06EXTERNAL STANDARD0.07912:06BLANK TEST0.00012:07Average = 0.07820.0004Std Dev = 0.0004Filter 1	BLANK TEST	0.000	12:04	PUMP INFO		
EXTERNAL STANDARD0.07812:05DETECTOR INFOBLANK TEST0.00012:06PUMP ONPASSEDEXTERNAL STANDARD0.07912:06PUMP OFFPASSEDBLANK TEST0.00012:07FILTER INFOFilter 1PASSEDAverage = 0.07825td Dev = 0.0004Filter 2PASSEDFilter 3PASSED	EXTERNAL STANDARD	0.078	12:04	Flow Rate = $4.7$	748 L/M	PASSED
BLANK TEST0.00012:06PUMP ONPASSEDEXTERNAL STANDARD0.07912:06PUMP OFFPASSEDBLANK TEST0.00012:07FILTER INFOAverage = 0.07825td Dev = 0.0004Filter 1PASSEDStd Dev = 0.0004Filter 3PASSED	BLANK TEST	0.000	12:05			
BLANK TEST0.00012:06PUMP ONPASSEDEXTERNAL STANDARD0.07912:06PUMP OFFPASSEDBLANK TEST0.00012:07FILTER INFOAverage = 0.07825td Dev = 0.0004Filter 1PASSEDStd Dev = 0.0004Filter 3PASSED	EXTERNAL STANDARD	0.078	12:05	DETECTOR INFO		
EXTERNAL STANDARD BLANK TEST0.079 12:06 0.000 12:07PUMP OFFPASSEDAverage = 0.0782 Std Dev = 0.0004FILTER INFO Filter 1PASSED Filter 2 Filter 3PASSED PASSED						PASSED
BLANK TEST 0.000 12:07 Average = 0.0782 Std Dev = 0.0004 Filter 1 Filter 2 Filter 3 PASSED Filter 3	EXTERNAL STANDARD			PUMP OFF		PASSED
Average = 0.0782FILTER INFOStd Dev = 0.0004Filter 1PASSEDFilter 2Filter 3PASSED						
Average = 0.0782Filter 1PASSEDStd Dev = 0.0004Filter 2PASSEDFilter 3PASSED				FILTER INFO		
Std Dev = 0.0004 Filter 2 PASSED   Filter 3 PASSED	Average = $0.0782$					PASSED
Filter 3 PASSED						
	500 500 0.0000					
INTERNAL STANDARD PASSED				FIICE J		LASSED
				INTERNAL STANDA	ARD	PASSED
			A STAR STAR STAR			

I, Brandi M. Barnett, after being first duly sworn, depose and state as follows:

(1) I am a Forensic Scientist IV at the State of Alaska Scientific Crime Detection Laboratory.

(2) The Alaska Scientific Crime Detection Laboratory is an entity within the Department of Public Safety.

(3) I am the Scientific Director of the State Breath Alcohol Program.

(4) In that capacity, I am responsible for overseeing the Breath Alcohol Program, which includes assuring that instruments are calibrated and maintaining program records.

(5) The above is a true and accurate verification of calibration, which is performed by the instrument's software, as specified by the State Breath Alcohol Program. Verification of calibration is a regularly conducted and regularly recorded activity of the State Breath Alcohol Program.
(6) The referenced instrument is certified for evidentiary use in the State of Alaska.

1/0/21

Brandi M. Barnett Scientific Director State Breath Alcohol Program

Subscribed and sworn before me this 06 day of An. 20 2/

Notary Public My Commission Expires With Office

