



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017
& ANSI/NCSL Z540-1-1994

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CALIBRATION

Valid To: February 28, 2022

Certificate Number: 2398.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following calibrations^{1, 7}:

I. Chemical

Parameter/Equipment	Range	CMC ² (±)	Comments
pH Meters ³	(4 to 10) pH	0.02 pH	Buffer solutions
Conductivity Meters ³	1 μS 10 μS 100 μS 1000 μS	0.62 μS 0.62 μS 2.4 μS 5.2 μS	Conductivity solutions

II. Dimensional

Parameter/Equipment	Range	CMC ^{2, 5} (±)	Comments
Calipers ³	Up to 20 in (20 to 30) in (30 to 40) in	290 μin 590 μin 620 μin	Caliper master, gage blocks, length standards
Dial Indicators ³	Up to 1 in	(60 + 3L) μin	Gage blocks
Test Indicators ³	Up to 1 in	(60 + 3L) μin	Gage blocks

Parameter/Equipment	Range	CMC ² (±)	Comments
Height Gages ³	Up to 20 in (20 to 30) in (30 to 40) in	270 μin 1.2 in 2.3 in	Gage blocks and length standards
Micrometers ³	Up to 12 in	170 μin	Gage blocks and length standards
Rulers and Tape Measures	Up to 25 ft	0.029 in	Gage blocks
Optical Comparators ³ – X & Y	Up to 6 in (6 to 12) in	110 μin 220 μin	Glass master
Microscopes ³ – X & Y	Up to 1 in	65 μin	Stage micrometer

III. Electrical – DC/Low Frequency

Parameter/Range	Frequency	CMC ^{2, 4} (±)	Comments
AC Voltage – Measure (1 to 10) mV	(1 to 40) Hz (0.04 to 1) kHz (1 to 20) kHz (20 to 50) kHz (50 to 100) kHz (100 to 300) kHz	350 μV/V + 5.8 μV 240 μV/V + 36 μV 350 μV/V + 36 μV 1200 μV/V + 36 μV 5800 μV/V + 36 μV 46 000 μV/V + 47 μV	Agilent 3458A
(10 to 100) mV	(1 to 40) Hz (0.04 to 1) kHz (1 to 20) kHz (20 to 50) kHz (50 to 100) kHz (100 to 300) kHz (0.3 to 1) MHz (1 to 2) MHz	82 μV/V + 4.8 μV 82 μV/V + 2.5 μV 170 μV/V + 2.5 μV 350 μV/V + 2.5 μV 930 μV/V + 2.5 μV 3500 μV/V + 12 μV 12 000 μV/V + 12 μV 18 000 μV/V + 12 μV	

Parameter/Range	Frequency	CMC ^{2,4} (±)	Comments
AC Voltage – Measure (cont)			
100 mV to 1 V	(1 to 40) Hz (0.04 to 1) kHz (1 to 20) kHz (20 to 50) kHz (50 to 100) kHz (100 to 300) kHz (0.3 to 1) MHz (1 to 2) MHz	82 μV/V + 48 μV 82 μV/V + 25 μV 170 μV/V + 25 μV 350 μV/V + 25 μV 930 μV/V + 25 μV 3500 μV/V + 120 μV 12 000 μV/V + 120 μV 18 000 μV/V + 120 μV	Agilent 3458A
(1 to 10) V	(1 to 40) Hz (0.04 to 1) kHz (1 to 20) kHz (20 to 50) kHz (50 to 100) kHz (100 to 300) kHz (0.3 to 1) MHz (1 to 2) MHz	82 μV/V + 48 μV 82 μV/V + 25 μV 170 μV/V + 25 μV 350 μV/V + 25 μV 930 μV/V + 25 μV 3500 μV/V + 120 μV 12 000 μV/V + 120 μV 18 000 μV/V + 120 μV	
(10 to 100) V	(1 to 40) Hz (0.04 to 1) kHz (1 to 20) kHz (20 to 50) kHz (50 to 100) kHz (100 to 300) kHz	82 μV/V + 48 μV 82 μV/V + 25 μV 170 μV/V + 25 μV 350 μV/V + 25 μV 930 μV/V + 25 μV 3500 μV/V + 120 μV	
(100 to 1000) V	(1 to 40) Hz (0.04 to 1) kHz (1 to 20) kHz (20 to 50) kHz (50 to 100) kHz	240 μV/V + 48 μV 240 μV/V + 25 μV 240 μV/V + 25 μV 410 μV/V + 25 μV 1400 μV/V + 25 μV	

Parameter/Range	Frequency	CMC ^{2,4} (±)	Comments
AC Voltage – Generate			
(1 to 33) mV	(10 to 45) Hz (0.045 to 10) kHz (10 to 20) kHz (20 to 50) kHz (50 to 100) kHz (100 to 500) kHz	640 μV/V + 4.7 μV 130 μV/V + 4.7 μV 170 μV/V + 4.7 μV 800 μV/V + 4.7 μV 2800 μV/V + 9.3 μV 4800 μV/V + 39 μV	Fluke 5522A
(33 to 330) mV	(10 to 45) Hz (0.045 to 10) kHz (10 to 20) kHz (20 to 50) kHz (50 to 100) kHz (100 to 500) kHz	240 μV/V + 6.3 μV 120 μV/V + 6.3 μV 130 μV/V + 6.3 μV 280 μV/V + 6.3 μV 640 μV/V + 25 μV 1600 μV/V + 55 μV	
(0.33 to 3.3) V	(10 to 45) Hz (0.045 to 10) kHz (10 to 20) kHz (20 to 50) kHz (50 to 100) kHz (100 to 500) kHz	240 μV/V + 39 μV 120 μV/V + 44 μV 160 μV/V + 47 μV 240 μV/V + 39 μV 560 μV/V + 97 μV 2000 μV/V + 470 μV	
(3.3 to 33) V	(10 to 45) Hz (0.045 to 10) kHz (10 to 20) kHz (20 to 50) kHz (50 to 100) kHz	240 μV/V + 510 μV 120 μV/V + 470 μV 200 μV/V + 470 μV 280 μV/V + 470 μV 720 μV/V + 1300 μV	
(33 to 330) V	(10 to 45) Hz (0.045 to 10) kHz (10 to 20) kHz (20 to 50) kHz (50 to 100) kHz	160 μV/V + 1600 μV 160 μV/V + 4700 μV 200 μV/V + 4700 μV 240 μV/V + 4700 μV 1600 μV/V + 39 000 μV	
(330 to 1020) V	(45 to 1000) Hz (1 to 5) kHz (5 to 10) kHz	240 μV/V + 7800 μV 200 μV/V + 7800 μV 240 μV/V + 7800 μV	

Parameter/Range	Frequency	CMC ^{2, 4} (±)	Comments
AC Current – Measure			
(0.01 to 100) μA	(10 to 20) Hz (20 to 45) Hz (45 to 100) Hz (0.1 to 5) kHz	470 μA + 35 μA 180 μA + 35 μA 80 μA + 35 μA 42 μA + 35 μA	Agilent 3458A
(0.1 to 10) mA	(10 to 20) Hz (20 to 45) Hz (45 to 100) Hz (0.1 to 5) kHz (5 to 20) kHz (20 to 50) kHz (50 to 100) kHz	4700 μA + 2.3 μA 1800 μA + 2.3 μA 700 μA + 2.3 μA 350 μA + 2.3 μA 700 μA + 2.3 μA 4700 μA + 4.7 μA 6400 μA + 18 μA	
(10 to 100) mA	(10 to 20) Hz (20 to 45) Hz (45 to 100) Hz (0.1 to 5) kHz (5 to 20) kHz (20 to 50) kHz (50 to 100) kHz	4700 μA + 240 μA 1800 μA + 240 μA 700 μA + 240 μA 350 μA + 240 μA 700 μA + 240 μA 4700 μA + 470 μA 6400 μA + 1800 μA	
(0.1 to 1) A	(10 to 20) Hz (20 to 45) Hz (45 to 100) Hz (0.1 to 5) kHz (5 to 20) kHz (50 to 100) kHz	4700 μA + 240 μA 1900 μA + 240 μA 930 μA + 240 μA 1200 μA + 240 μA 3500 μA + 240 μA 12 000 μA + 470 μA	

Parameter/Range	Frequency	CMC ^{2,4} (±)	Comments
AC Current – Generate			
(29 to 330 µA)	(10 to 20) Hz (20 to 45) Hz (0.045 to 1) kHz (1 to 5) kHz (10 to 30) kHz	1600 µA + 0.078 µA 1200 µA + 0.078 µA 1000 µA + 0.078 µA 2400 µA + 0.12 µA 13 000 µA + 0.31 µA	Fluke 5522A
(0.33 to 3.3) mA	(10 to 20) Hz (20 to 45) Hz (0.045 to 1) kHz (1 to 5) kHz (10 to 30) kHz	1600 µA + 0.12 µA 1000 µA + 0.12 µA 800 µA + 0.12 µA 1600 µA + 0.16 µA 8000 µA + 0.47 µA	
(3.3 to 33) mA	(10 to 20) Hz (20 to 45) Hz (0.045 to 1) kHz (1 to 5) kHz (10 to 30) kHz	1500 µA + 1.6 µA 720 µA + 1.6 µA 320 µA + 1.6 µA 640 µA + 1.6 µA 3200 µA + 3.1µA	
AC Power – Generate PF=1, 60 Hz			
(33 to 330) mV (3.3 to 9) mA (9 to 33) mA (33 to 90) mA (90 to 330) mA (0.33 to 0.9) A (0.9 to 2.2) A (2.2 to 4.5) A (4.5 to 20.5) A	(0.1 to 2.97) mW (0.297 to 10.89) mW (0.11 to 29.7) mW (2.97 to 108.9) mW (10.89 to 297) mW (29.7 to 726) mW (0.0726 to 1.485) W (0.149 to 6.76) W	0.11 % 0.08 % 0.11 % 0.08 % 0.11 % 0.088 % 0.11 % 0.088 %	Fluke 5522A
(0.33 to 1020) V (3.3 to 9) mA (9 to 33) mA (33 to 90) mA (90 to 330) mA (0.33 to 0.9) A (0.9 to 2.2) A (2.2 to 4.5) A (4.5 to 20.5) A	1.09 mW to 9.179 W 2.97 mW to 33.6 W 10.89 mW to 91.8 W 29.7 mW to 336.6 W 108.9 mW to 918 W 297 mW to 2.244 kW 72.6 mW to 4.59 kW 1.49 W to 20.91 kW	0.096 % 0.064 % 0.096 % 0.064 % 0.088 % 0.072 % 0.096 % 0.08 %	

Parameter/Equipment	Range	CMC ^{2,4} (±)	Comments
DC Voltage – Measure	(0.01 to 100) mV 100 mV to 1 V (1 to 10) V (10 to 100) V (100 to 1000) V	11 $\mu\text{V}/\text{V}$ + 4.6 μV 9.6 $\mu\text{V}/\text{V}$ + 0.46 μV 9.5 $\mu\text{V}/\text{V}$ + 0.06 μV 12 $\mu\text{V}/\text{V}$ + 0.8 μV 12 $\mu\text{V}/\text{V}$ + 0.16 mV	Agilent 3458A
DC Voltage – Generate	0.1 μV to 330 mV (0.33 to 3.3) V (3.3 to 33) V (33 to 330) V (330 to 1000) V	16 $\mu\text{V}/\text{V}$ + 0.78 μV 8.8 $\mu\text{V}/\text{V}$ + 1.6 μV 9.6 $\mu\text{V}/\text{V}$ + 16 μV 15 $\mu\text{V}/\text{V}$ + 120 μV 15 $\mu\text{V}/\text{V}$ + 1200 μV	Fluke 5522A
DC Current – Measure	Up to 100 nA 1 μA 10 μA 100 μA 1 mA 10 mA 100 mA 1 A	38 $\mu\text{A}/\text{A}$ + 0.06 nA 24 $\mu\text{A}/\text{A}$ + 0.06 nA 27 $\mu\text{A}/\text{A}$ + 0.16 nA 27 $\mu\text{A}/\text{A}$ + 0.12 nA 27 $\mu\text{A}/\text{A}$ + 8.1 nA 27 $\mu\text{A}/\text{A}$ + 81 nA 50 $\mu\text{A}/\text{A}$ + 0.8 μA 140 $\mu\text{A}/\text{A}$ + 15 μA	Agilent 3458A
DC Power – Generate	10 mW to 336 W (336 to 3060) W 3060 W to 20.9 kW	0.019 % 0.018 % 0.056 %	Fluke 5522A
DC High Voltage	(1 to 6) kV (1 to 40) kV	2.3 % 2.3 %	Fluke-80-k6 Fluke-80-k40
Resistance – Measure	(0.1 to 10) Ω (10 to 100) Ω (0.1 to 1) k Ω (1 to 10) k Ω (10 to 100) k Ω (0.1 to 1) M Ω (1 to 10) M Ω (10 to 100) M Ω (0.1 to 1) G Ω	18 $\mu\Omega$ + 7.0 $\mu\Omega$ 15 $\mu\Omega$ + 7.0 $\mu\Omega$ 13 $\mu\Omega$ + 0.58 $\mu\Omega$ 13 $\mu\Omega$ + 0.58 $\mu\Omega$ 13 $\mu\Omega$ + 0.58 $\mu\Omega$ 18 $\mu\Omega$ + 3.5 $\mu\Omega$ 63 $\mu\Omega$ + 35 $\mu\Omega$ 630 $\mu\Omega$ + 35 $\mu\Omega$ 5900 $\mu\Omega$ + 35 $\mu\Omega$	Agilent 3458A

Parameter/Equipment	Range	CMC ^{2,4} (±)	Comments
Capacitance – Generate	(220 to 400) pF (0.4 to 1.1) nF (1.1 to 3.3) nF (3.3 to 11) nF (11 to 33) nF (33 to 110) nF (110 to 330) nF (0.33 to 1.1) μF (1.1 to 3.3) μF (3.3 to 11) μF (11 to 33) μF (33 to 110) μF (110 to 330) μF (0.33 to 1.1) mF (1.1 to 3.3) mF (3.3 to 11) mF (11 to 33) mF (33 to 110) mF	0.40 % + 7.8 pF 0.40 % + 7.8 pF 0.40 % + 7.8 pF 0.2 % + 7.8 pF 0.2 % + 7.8 pF 0.2 % + 7.8 pF 0.2 % + 24 pF 0.2 % + 0.78 nF 0.2 % + 2.4 nF 0.2 % + 7.8 nF 0.32 % + 24 nF 0.36 % + 78 nF 0.36 % + 240 nF 0.36 % + 0.78 μF 0.36 % + 2.4 μF 0.36 % + 7.8 μF 0.60 % + 16 μF 0.88 % + 78 μF	Fluke 5522A
Electrical Simulation of Thermocouples ³ – Generate/Measure			
Type B	(600 to 800) °C (800 to 1000) °C (1000 to 1550) °C (1550 to 1820) °C	0.39 °C 0.32 °C 0.29 °C 0.31 °C	Fluke 5522A
Type C	(0 to 150) °C (150 to 650) °C (650 to 1000) °C (1000 to 1800) °C (1800 to 2316) °C	0.29 °C 0.26 °C 0.3 °C 0.43 °C 0.68 °C	
Type E	(-250 to -100) °C (-100 to -25) °C (-25 to 350) °C (350 to 650) °C (650 to 1000) °C	0.43 °C 0.21 °C 0.2 °C 0.21 °C 0.23 °C	
Type J	(-210 to -100) °C (-100 to -30) °C (-30 to 150) °C (150 to 760) °C (760 to 1200) °C	0.27 °C 0.21 °C 0.2 °C 0.21 °C 0.25 °C	

Parameter/Equipment	Range	CMC ² (±)	Comments	
Electrical Simulation of Thermocouples ³ – Generate/Measure (cont)				
Type K	(-200 to -100) °C (-100 to -25) °C (-25 to 120) °C (120 to 1000) °C (1000 to 1372) °C	0.31 °C 0.22 °C 0.21 °C 0.26 °C 0.36 °C	Fluke 5522A	
Type N	(-200 to -100) °C (-100 to -25) °C (25 to 120) °C (120 to 410) °C (410 to 1300) °C	0.36 °C 0.24 °C 0.22 °C 0.22 °C 0.27 °C		
Type R	(0 to 250) °C (250 to 400) °C (400 to 1000) °C (1000 to 1767) °C	0.48 °C 0.32 °C 0.31 °C 0.36 °C		
Type S	(0 to 250) °C (250 to 1000) °C (1000 to 1400) °C (1400 to 1767) °C	0.41 °C 0.33 °C 0.34 °C 0.4 °C		
Type T	(-250 to -150) °C (-150 to 0) °C (0 to 120) °C (20 to 400) °C	0.53 °C 0.25 °C 0.21 °C 0.2 °C		
Electrical Simulation of RTDs ³ –				
Pt 385, 100 Ω	(-200 to -80) °C (-80 to 0) °C (0 to 100) °C (100 to 300) °C (300 to 400) °C (400 to 630) °C (630 to 800) °C	0.04 °C 0.07 °C 0.08 °C 0.09 °C 0.1 °C 0.11 °C 0.19 °C		Fluke 5522A
Pt 3926, 100 Ω	(-200 to -80) °C (-80 to 0) °C (0 to 100) °C (100 to 300) °C (300 to 400) °C (400 to 630) °C	0.07 °C 0.07 °C 0.08 °C 0.09 °C 0.1 °C 0.11 °C		

Parameter/Equipment	Range	CMC ² (±)	Comments
Electrical Simulation of RTDs ³ – (cont)			
Pt 385, 200 Ω	(-200 to -80) °C (-80 to 0) °C (0 to 100) °C (100 to 260) °C (260 to 300) °C (300 to 400) °C (400 to 600) °C (600 to 630) °C	0.07 °C 0.07 °C 0.07 °C 0.07 °C 0.11 °C 0.12 °C 0.13 °C 0.14 °C	Fluke 5522A
Pt 385, 500 Ω	(-200 to -80) °C (-80 to 0) °C (0 to 100) °C (100 to 260) °C (260 to 300) °C (300 to 400) °C (400 to 600) °C (600 to 630) °C	0.07 °C 0.07 °C 0.07 °C 0.08 °C 0.09 °C 0.09 °C 0.09 °C 0.1 °C	
Pt 385, 1000 Ω	(-200 to -80) °C (-80 to 0) °C (0 to 100) °C (100 to 260) °C (260 to 300) °C (300 to 400) °C (400 to 600) °C (600 to 630) °C	0.06 °C 0.06 °C 0.07 °C 0.07 °C 0.05 °C 0.08 °C 0.08 °C 0.19 °C	
Pt Ni 385, 120 Ω	(-80 to 0) °C (0 to 100) °C (100 to 260) °C	0.09 °C 0.09 °C 0.13 °C	
Cu 427, 10 Ω	(-100 to 260) °C	0.25 °C	

IV. Mechanical

Parameter/Equipment	Range	CMC ^{2, 6} (\pm)	Comments
Pneumatic Gage Pressure – Measuring Equipment	(0 to 1) in H ₂ O	0.003 in H ₂ O	Fluke 700P00
Pneumatic Differential Pressure ³ – Measuring Equipment	(-5 to 5) psi	0.029 psi	Fluke 700P23
Pneumatic Gage Pressure – Measuring Equipment	(0 to 100) psi	0.06 psi	Fluke 700P06
Pneumatic Gage Pressure – Measuring Equipment	(0 to 3000) psi	1.8 psi	Fluke 700G29
Pneumatic Vacuum – Measuring Equipment	(-12 to 0) psi	3.5 psi	Fluke 700G29
Pneumatic Gage Pressure – Measuring Equipment	(0 to 10 000) psi	2.9 psi	Fluke 2700G-G70M
Pipettes	(1 to 5) μ L (10 to 100) μ L (100 to 1000) μ L (1000 to 5000) μ L (1 to 10) mL (10 to 100) mL (100 to 200) mL	0.22 μ L 0.24 μ L 1.2 μ L 5.7 μ L 11 μ L 110 μ L 230 μ L	Ohaus, MC5 Sartorius, MC210 S Ohaus, AP250D
Mass – Measure	(1 to 100) mg (100 to 500) mg (1 to 100) g (100 to 500) g 1 kg 2 kg 5 kg 10 kg 20 kg 25 kg 50 lb	0.0088 mg 0.011 mg 0.059 mg 0.29 mg 0.59 mg 1.2 mg 14 mg 29 mg 59 mg 73 mg 0.000 47 lb	ASTM (Class 2 to Class 7) NIST Class F, OIML (F1, F2, M1, M2, M3) Comparators Standard weights ASTM – Class 1

Parameter/Equipment	Range	CMC ^{2, 5} (\pm)	Comments
Balances & Scales ³	Up to 100 g 1000 g 10 kg 100 lb 1000 lb 2000 lb 3000 lb	0.0003 g 0.0030 g 0.06 g 0.013 lb 0.67 lb 2.7 lb 5.9 lb	Standard weights ASTM – Class 1 Class F
Torque Wrenches	(10 to 50) lbf·in (50 to 500) lbf·in (30 to 300) lbf·ft (75 to 750) lbf·ft (200 to 2000) lbf·ft	0.32 % 0.62 % 0.58 % 0.62 % 0.64 %	AWS torque transducers

V. Thermodynamic

Parameter/Equipment	Range	CMC ^{2, 6} (\pm)	Comments
Temperature – Measuring Equipment	(35 to 200) °C (33 to 350) °C (50 to 660) °C	0.076 °C 0.30 °C 0.92 °C	Hart Scientific PRT with Fluke 9143, 9144, 7526A, 1529
Relative Humidity – Measuring Equipment Thermohygrometers	(15 to 90) % RH (90 to 95) % RH Up to 40 °C	1.4 % RH 2.1 % RH 0.25 °C	Vaisala-HMP75

VI. Time & Frequency

Parameter/Equipment	Range	CMC ^{2, 5, 6} (\pm)	Comments
Frequency – Measure	(1 to 40) Hz 40 Hz to 10 MHz	0.06 % 0.01 %	Agilent 3458
Frequency – Generate	0.01 Hz to 2 MHz	3 μ Hz/Hz + 2.9 μ Hz	Fluke 5522A
Stopwatch & Timers	24 Hours 19.99 s/day	2.5 s Circa 0.03 s/day	Helmut Klein Timometer

¹ This laboratory offers commercial calibration service and field calibration service.

² Calibration and Measurement Capability Uncertainty (CMC) is the smallest uncertainty of measurement that a laboratory can achieve within its scope of accreditation when performing more or less routine calibrations of nearly ideal measurement standards or nearly ideal measuring equipment. CMCs represent expanded uncertainties expressed at approximately the 95 % level of confidence, usually using a coverage factor of $k = 2$. The actual measurement uncertainty of a specific calibration performed by the laboratory may be greater than the CMC due to the behavior of the customer's device and to influences from the circumstances of the specific calibration.

³ Field calibration service is available for this calibration and this laboratory meets A2LA R104 – *General Requirements: Accreditation of Field Testing and Field Calibration Laboratories* for these calibrations. Please note the actual measurement uncertainties achievable on a customer's site can normally be expected to be larger than the CMC found on the A2LA Scope. Allowance must be made for aspects such as the environment at the place of calibration and for other possible adverse effects such as those caused by transportation of the calibration equipment. The usual allowance for the actual uncertainty introduced by the item being calibrated, (e.g. resolution) must also be considered and this, on its own, could result in the actual measurement uncertainty achievable on a customer's site being larger than the CMC.

⁴ The stated measured values are determined using the indicated instrument (see Comments). This capability is suitable for the calibration of the devices intended to measure or generate the measured value in the ranges indicated. CMC's are expressed as either a specific value that covers the full range or as a percent or fraction of the reading plus a fixed floor specification.

⁵ In the statement of CMC, percentages are percentage of reading, unless otherwise indicated; L is the numerical value of the nominal length of the device measured in inches

⁶ The type of instrument or material being calibrated is defined by the parameter. This indicates the laboratory is capable of calibrating instruments that measure or generate the values in the ranges indicated for the listed measurement parameter.

⁷ This scope meets A2LA's P112 Flexible Scope Policy.



Accredited Laboratory

A2LA has accredited

LAW CALIBRATION, LLC

Saco, ME

for technical competence in the field of

Calibration

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017 *General requirements for the competence of testing and calibration laboratories*. This laboratory also meets R205 – Specific Requirements: Calibration Laboratory Accreditation Program, ANSI/NC SLZ540-1-1994. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (*refer to joint ISO-ILAC-IAFC communiqué dated April 2017*).



Presented this 28th day of July 2020.

A blue ink signature of the Vice President of Accreditation Services, written over a horizontal line.

Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 2398.01
Valid to February 28, 2022

For the tests or types of tests to which this accreditation applies, please refer to the laboratory's «field» Scope of Accreditation.