

Waters consigned equipment list, Total : 75 items. Waters will settle the calibration cost with Micro Precision directly
Date : 17-Apr-2020 (Rev 00)

NO	LOCATION	EQUIPMENT ID	EQUIPMENT NAME	MANUFACTURER	MODEL	MANUFACTURER SERIAL NO	CALIBRATION SOURCE	CALIBRATION CYCLE	LAST CALIBRATION	NEXT CALIBRATION	REMARK
1	WATERS (RACAL TESTER)	PWAT-16GC0002	DC Electronic Load module	HEWLETT PACKARD	60502B	3211A01907	Micro Precision	12	02/05/2019	02/05/2020	Waters USA Consign equipment Schedule Onsite calibration on 30-Apr-2020
2	WATERS (RACAL TESTER)	PWAT-16GC0003	DC Electronic Load module	HEWLETT PACKARD	60502B	3211A01876	Micro Precision	12	02/05/2019	02/05/2020	Waters USA Consign equipment Schedule Onsite calibration on 30-Apr-2020
3	WATERS (RACAL TESTER)	PWAT-16GC0004	DC Electronic Load module	HEWLETT PACKARD	60502B	3211A01587	Micro Precision	12	02/05/2019	02/05/2020	Waters USA Consign equipment Schedule Onsite calibration on 30-Apr-2020
4	WATERS (RACAL TESTER)	PWAT-16GC0005	DC Electronic Load module	HEWLETT PACKARD	60502B	3211A02210	Micro Precision	12	02/05/2019	02/05/2020	Waters USA Consign equipment Schedule Onsite calibration on 30-Apr-2020
5	WATERS (RACAL TESTER)	PWAT-16GC0006	DC Electronic Load module	HEWLETT PACKARD	60502B	3211A01795	Micro Precision	12	02/05/2019	02/05/2020	Waters USA Consign equipment Schedule Onsite calibration on 30-Apr-2020
6	WATERS (RACAL TESTER)	PWAT-16GC0007	DC Electronic Load module	HEWLETT PACKARD	60502B	3211A00920	Micro Precision	12	02/05/2019	02/05/2020	Waters USA Consign equipment Schedule Onsite calibration on 30-Apr-2020
7	WATERS (GTS TESTER)	PWAT-16GC0008	DC Power Supply	TDK-Lambda	GENH30-25	95166	Micro Precision	12	18/02/2020	18/02/2021	Waters USA Consign equipment
8	WATERS (GTS TESTER)	PWAT-16GC0009	DC Power Supply	TDK-LAMBDA	GENH60-12.5	95170	Micro Precision	12	18/02/2020	18/02/2021	Waters USA Consign equipment
9	WATERS (GTS TESTER)	PWAT-16GC0010	DC Power Supply	TDK-Lambda	GENH60-12.5	95165	Micro Precision	12	18/02/2020	18/02/2021	Waters USA Consign equipment
10	WATERS (GTS TESTER)	PWAT-16GC0011	DC Power Supply	TDK-Lambda	GENH30-25	95167	Micro Precision	12	18/02/2020	18/02/2021	Waters USA Consign equipment
11	WATERS (GTS TESTER)	PWAT-16GC0012	DC Power Supply	TDK-Lambda	GENH60-12.5	95164	Micro Precision	12	18/02/2020	18/02/2021	Waters USA Consign equipment
12	WATERS (GTS TESTER)	PWAT-16GC0013	DC Power Supply	TDK-Lambda	GENH60-12.5	95171	Micro Precision	12	18/02/2020	18/02/2021	Waters USA Consign equipment
13	WATERS (RACAL TESTER)	PWAT-16GC0014	DC POWER SUPPLY MODULE	HEWLETT PACKARD	66103A	US34213251	Micro Precision	12	02/05/2019	02/05/2020	Waters USA Consign equipment Schedule Onsite calibration on 30-Apr-2020
14	WATERS (RACAL TESTER)	PWAT-16GC0015	DC POWER SUPPLY MODULE	HEWLETT PACKARD	66103A	US34213252	Micro Precision	12	02/05/2019	02/05/2020	Waters USA Consign equipment Schedule Onsite calibration on 30-Apr-2020
15	WATERS (RACAL TESTER)	PWAT-16GC0016	DC POWER SUPPLY MODULE	HEWLETT PACKARD	66103A	US34213090	Micro Precision	12	02/05/2019	02/05/2020	Waters USA Consign equipment Schedule Onsite calibration on 30-Apr-2020
16	WATERS (RACAL TESTER)	PWAT-16GC0017	DC POWER SUPPLY MODULE	HEWLETT PACKARD	66103A	US34213209	Micro Precision	12	02/05/2019	02/05/2020	Waters USA Consign equipment Schedule Onsite calibration on 30-Apr-2020
17	WATERS (RACAL TESTER)	PWAT-16GC0018	DC POWER SUPPLY MODULE	HEWLETT PACKARD	66101A	3444A02477	Micro Precision	12	02/05/2019	02/05/2020	Waters USA Consign equipment Schedule Onsite calibration on 30-Apr-2020
18	WATERS (RACAL TESTER)	PWAT-16GC0019	DC POWER SUPPLY MODULE	HEWLETT PACKARD	66103A	US34213216	Micro Precision	12	02/05/2019	02/05/2020	Waters USA Consign equipment Schedule Onsite calibration on 30-Apr-2020
19	WATERS (RACAL TESTER)	PWAT-16GC0020	DC POWER SUPPLY MODULE	HEWLETT PACKARD	66101A	3444A02507	Micro Precision	12	02/05/2019	02/05/2020	Waters USA Consign equipment Schedule Onsite calibration on 30-Apr-2020
20	WATERS (GTS TESTER)	PWAT-16GC0021	Digital Phosphor Oscilloscope	Tektronix	TDS3054C	C011477	Micro Precision	12	18/02/2020	18/02/2021	Waters USA Consign equipment

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21	WATERS (GTS TESTER)	PWAT-16GC0022	Electronic Load Plug-In Module / Control Mainframe with 4 DC Electronic Load 6A/60A/80V 300W	Chroma	63103/6314	63145125/95148 (S/N : ID#95184, ID#95185, ID#95186, ID#95187)	Micro Precision	12	18/02/2020	18/02/2021	Waters USA Consign equipment
22	WATERS (GTS TESTER)	PWAT-16GC0023	Function/Arbitrary Waveform Generator	Agilent	33220A	MY44044085/95154	Micro Precision	12	18/02/2020	18/02/2021	Waters USA Consign equipment
23	WATERS (GTS TESTER)	PWAT-16GC0030	M Series Multifunction DAQ	National Instruments	PXI6229	145DEFE	Micro Precision	12	18/02/2020	18/02/2021	Waters USA Consign equipment
24	WATERS (GTS TESTER)	PWAT-16GC0031	M Series Multifunction DAQ	National Instruments	PXI6229	145DF3A	Micro Precision	12	18/02/2020	18/02/2021	Waters USA Consign equipment
25	WATERS (GTS TESTER)	PWAT-16GC0033	Multimeter	Agilent	34411A	MY53002751/95155	Micro Precision	12	18/02/2020	18/02/2021	Waters USA Consign equipment
26	WATERS (RACAL TESTER)	PWAT-16GC0034	Oscilloscope	Textronix	TDS460A	B060926	Micro Precision	12	10/07/2019	10/07/2020	Waters USA Consign equipment
27	WATERS (UNIVERSAL TESTER)	PWAT-16GC0035	PCI 6025E	National Instruments	6025E	C57A10	Micro Precision	12	06/11/2019	06/11/2020	Waters USA Consign equipment
28	WATERS (GTS TESTER)	PWAT-16GC0036	POWER SMU	NATIONAL INSTRUMENTS	PXI4130	145025B	Micro Precision	12	18/02/2020	18/02/2021	Waters USA Consign equipment
29	WATERS (GTS TESTER)	PWAT-16GC0037	Prog. Resistance Card	Geotest	GX1164-01	11640209 (95750)	Micro Precision	24	16/04/2019	16/04/2021	Waters USA Consign equipment
30	WATERS (RACAL TESTER)	PWAT-16GC0038	VXI 6 1/2 Digit Multimeter	Racal-Dana Instruments, inc.	4152A	US38010437	Micro Precision	12	10/10/2019	10/10/2020	Waters USA Consign equipment
31	WATERS (RACAL TESTER)	PWAT-16GC0039	VXI 6 1/2 Digit Multimeter	Racal-Dana Instruments, Inc.	4152A	US38010248	Micro Precision	12	26/03/2019	26/03/2020	Waters USA Consign equipment Spare unit, Can't Calibrate during onsite calibration on 03-Mar-2020 When cal officer tried to run the soft panel software for both the model and both were unable to detect, then run self test and the result showed was fail. When cal officer swap back to the original modules (existing modules), showed the same fail result. Will arrange recal on 30-Apr- 2020
32	WATERS (RACAL TESTER)	PWAT-16GC0040	VXI Universal Counter 200 MHZ	Racal-Dana Instruments, inc.	2461-CD	03070017	Micro Precision	12	26/03/2019	26/03/2020	Waters USA Consign equipment Spare unit, Can't Calibrate during onsite calibration on 03-Mar-2020 When cal officer tried to run the soft panel software for both the model and both were unable to detect, then run self test and the result showed was fail. When cal officer swap back to the original modules (existing modules), showed the same fail result. Will arrange recal on 30-Apr- 2020
33	WATERS (RACAL TESTER)	PWAT-16GC0041	VXI Universal Counter 200 MHZ	Racal-Dana Instruments, Inc.	2461-CD	1210	Micro Precision	12	10/10/2019	10/10/2020	Waters USA Consign equipment

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34	WATERS (RACAL TESTER)	PWAT-16GC0042	VXI Waveform Generator	Racal-Dana Instruments, Inc.	3151A+	9809972	Micro Precision	12	30/07/2018	30/07/2019	Waters USA Consign equipment Unit was failed Amplitude Accuracy & DC Offset Accuracy test during calibration on 10-July-19. Micro Precision can't find the root cause of the failure on this unit and return it as un-serviced to GES on 21-Jan-2020. Now Pending HuaZhen advise whether can return to Waters for repair
35	WATERS (RACAL TESTER)	PWAT-16GC0043	VXI Waveform Generator	Racal-Dana Instruments, inc.	3151A+	0101813	Micro Precision	12	10/10/2019	10/10/2020	Waters USA Consign equipment
36	WATERS (JUNIOR GTS FOR QDA)	PWAT-18GC0046	6 1/2 DIGITAL MULTIMETER	AGILENT	34411A	MY48003234	Micro Precision	12	10/10/2019	10/10/2020	Waters UK Consign equipment
37	WATERS (JUNIOR GTS FOR QDA)	PWAT-18GC0047	20 MHZ FUNCTION/ARBITRARY WAVEFORM GENERATOR	AGILENT	33220A	MY44015802	Micro Precision	12	10/07/2019	10/07/2020	Waters UK Consign equipment
38	WATERS (JUNIOR GTS FOR QDA)	PWAT-18GC0048	DIGITAL PHOSPOR OSCILLOSCOPE	TEKTRONIX	TDS3054C	C020604	Micro Precision	12	10/10/2019	10/10/2020	Waters UK Consign equipment
39	WATERS (GTS TESTER)	PWAT-18GC0049	DC POWER SUPPLY	TDK-Lambda	GENH30-25	97019	Micro Precision	12	18/02/2020	18/02/2021	Waters USA Consign equipment
40	WATERS (GTS TESTER)	PWAT-18GC0050	DC POWER SUPPLY	TDK-Lambda	GENH30-25	97020	Micro Precision	12	18/02/2020	18/02/2021	Waters USA Consign equipment
41	WATERS (GTS TESTER)	PWAT-18GC0051	DC POWER SUPPLY	TDK-Lambda	GENH60-12.5	97015	Micro Precision	12	18/02/2020	18/02/2021	Waters USA Consign equipment
42	WATERS (GTS TESTER)	PWAT-18GC0052	DC POWER SUPPLY	TDK-Lambda	GENH60-12.5	97016	Micro Precision	12	18/02/2020	18/02/2021	Waters USA Consign equipment
43	WATERS (GTS TESTER)	PWAT-18GC0053	DC POWER SUPPLY	TDK-Lambda	GENH60-12.5	97017	Micro Precision	12	18/02/2020	18/02/2021	Waters USA Consign equipment
44	WATERS (GTS TESTER)	PWAT-18GC0054	DC POWER SUPPLY	TDK-Lambda	GENH60-12.5	97018	Micro Precision	12	18/02/2020	18/02/2021	Waters USA Consign equipment
45	WATERS (GTS TESTER)	PWAT-18GC0055	DC ELECTRONIC LOAD	CHROMA	63103A	97010	Micro Precision	12	18/02/2020	18/02/2021	Waters USA Consign equipment
46	WATERS (GTS TESTER)	PWAT-18GC0056	DC ELECTRONIC LOAD	CHROMA	63103A	97011	Micro Precision	12	18/02/2020	18/02/2021	Waters USA Consign equipment
47	WATERS (GTS TESTER)	PWAT-18GC0057	DC ELECTRONIC LOAD	CHROMA	63103A	97012	Micro Precision	12	18/02/2020	18/02/2021	Waters USA Consign equipment
48	WATERS (GTS TESTER)	PWAT-18GC0058	DC ELECTRONIC LOAD	CHROMA	63103A	97013	Micro Precision	12	18/02/2020	18/02/2021	Waters USA Consign equipment
49	WATERS (GTS TESTER)	PWAT-18GC0059	6 1/2 DIGITAL MULTIMETER	AGILENT	34411A	MY46000178 (ID#97025)	Micro Precision	12	18/02/2020	18/02/2021	Waters USA Consign equipment
50	WATERS (GTS TESTER)	PWAT-18GC0060	20 MHZ FUNCTION/ARBITRARY WAVEFORM GENERATOR	AGILENT	33220A	MY44028120 (ID#97026)	Micro Precision	12	18/02/2020	18/02/2021	Waters USA Consign equipment

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51	WATERS (GTS TESTER)	PWAT-18GC0061	DIGITAL PHOSPOR OSCILLOSCOPE	TEKTRONIX	TDS 3054C	B020696 (ID#97024)	Micro Precision	12	18/02/2020	18/02/2021	Waters USA Consign equipment
52	WATERS (GTS TESTER)	PWAT-18GC0063	Multifunction DAQ	National Instrument	NI PXI-6229	1CA64F1 (ID#97021)	Micro Precision	12	18/02/2020	18/02/2021	Waters USA Consign equipment
53	WATERS (GTS TESTER)	PWAT-18GC0064	Multifunction DAQ	National Instrument	NI PXI-6229	1CA64E1 (ID#97022)	Micro Precision	12	18/02/2020	18/02/2021	Waters USA Consign equipment
54	WATERS (GTS TESTER)	PWAT-18GC0065	Power SMU	National Instrument	NI PXI-4130	1CD658C (ID#97023)	Micro Precision	12	18/02/2020	18/02/2021	Waters USA Consign equipment
55	WATERS (GTS TESTER)	PWAT-18GC0062	Prog Resistor	Marvin Test Solution	GX1164	97014	Micro Precision	24	05/03/2019	05/03/2021	Waters USA Consign equipment
56	WATERS (LC Model)	W1-16GC0016	Multimeter / Data Acquisition System	Keithley	Keithley 2700	1227711	Micro Precision	12	03/03/2020	03/03/2021	Consigned equipment
57	WATERS (LC Model)	W1-16GC0020	Electrical Safety Analyzer	Chroma	19032	19032G400264 (ID#93467)	Micro Precision	12	10/07/2019	10/07/2020	Consigned equipment
58	WATERS (LC Model)	W1-16GC0021	Electrical Safety Analyzer	QuadTech	Guardian 6000	7312754 (ID#91356)	Micro Precision	12	06/11/2019	06/11/2020	Consigned equipment
59	WATERS (LC Model)	W1-16GC0022	Electrical Safety Analyzer	QuadTech	Guardian 6000	5278621 (ID#91693)	Micro Precision	12	15/01/2020	15/01/2021	Consigned equipment
60	WATERS (LC Model)	W1-16GC0023	Electrical Safety Analyzer	QuadTech	6000 Plus	11173729 (ID#91890)	Micro Precision	12	03/03/2020	03/03/2021	Consigned equipment
61	WATERS (MS(QDA)	W1-17GC0122	Pat and Flash Tester	Seaward Electronic	CLARE HAL 104	34J-0747	Micro Precision	12	13/8/2019	13/8/2020	Consigned equipment
62	WATERS (MS(QDA)	W1-18GC0150	Insulation Tester	Megger	MIT400	0703071132	Micro Precision	12	06/11/2019	06/11/2020	Consigned equipment
63	WATERS (MS(QDA)	W1-19GC0152	Pat and Flash Tester	Seaward Electronic	CLARE HAL 104	44K-0204	Micro Precision	12	06/11/2019	06/11/2020	Waters USA Consign equipment
64	WATERS (LC Model)	W1-16GC0088	Load Box	CHROMA	S14-03	7322786	Bestlabs Micro Precision	12	03/03/2020	03/03/2021	Consigned equipment As per Huazhen information for this unit will change to Micro Precision instead of Bestlabs for next calibration
65	WATERS (LC Model)	W1-16GC0089	Load Box	CHROMA	S14-03	14354687	Bestlabs Micro Precision	12	03/03/2020	03/03/2021	Consigned equipment As per Huazhen information for this unit will change to Micro Precision instead of Bestlabs for next calibration
66	WATERS (LC Model)	W1-16GC0090	Load Box	CHROMA	S14-03	14354682	Bestlabs Micro Precision	12	03/03/2020	03/03/2021	Consigned equipment As per Huazhen information for this unit will change to Micro Precision instead of Bestlabs for next calibration
67	WATERS (LC Model)	W1-16GC0091	Load Box	CHROMA	S14-03	14354698	Bestlabs Micro Precision	12	03/03/2020	03/03/2021	Consigned equipment As per Huazhen information for this unit will change to Micro Precision instead of Bestlabs for next calibration
68	WATERS (LC Model)	W1-16GC0002	Digital Gram Balance - WP07 (Weighing Scale)	AND (HR-200)	HR-200	12335004 (93371)	MING-DENG- Micro Precision	6	08/11/2019	08/05/2020	Consigned equipment As per Huazhen information for this unit will change to Micro Precision instead of Ming Deng for next calibration

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69	WATERS (LC Model)	W1-16GC0005	Digital Gram Balance - WP07 (Weighing Scale)	AND (HR-200)	HR-200	12333739 (93373)	MING-DENG-Micro Precision	6	08/11/2019	08/05/2020	Consighed equipment As per Huazhen information for this unit will change to Micro Precision instead of Ming Deng for next calibration
70	WATERS (LC Model)	W1-16GC0008	Digital Gram Balance - WP07 (Weighing Scale)	AND (HR-200)	HR-200	12333783 (93372)	MING-DENG-Micro Precision	6	08/11/2019	08/05/2020	Consighed equipment As per Huazhen information for this unit will change to Micro Precision instead of Ming Deng for next calibration
71	WATERS (LC Model)	W1-16GC0011	Digital Gram Balance - WP07 (Weighing Scale)	AND (HR-200)	HR-200	12333730 (93370)	MING-DENG-Micro Precision	6	08/11/2019	08/05/2020	Consighed equipment As per Huazhen information for this unit will change to Micro Precision instead of Ming Deng for next calibration
72	WATERS (LC Model)	W1-16GC0014	Digital Gram Balance - WP07 (Weighing Scale)	AND (HR-200)	HR-200	12316088 (90966)	MING-DENG-Micro Precision	6	02/01/2020	02/07/2020	Consighed equipment As per Huazhen information for this unit will change to Micro Precision instead of Ming Deng for next calibration
73	WATERS (LC Model)	W1-16GC0068	Digital Gram Balance - WP07 (Weighing Scale)	AND (HR-200)	HR-200	12336767(94322)	MING-DENG-Micro Precision	6	02/01/2020	02/07/2020	Consighed equipment As per Huazhen information for this unit will change to Micro Precision instead of Ming Deng for next calibration
74	WATERS (LC Model)	W1-16GC0017	Digital Process Indicators	CHROMA	DP81R-SER-DC2	09030136	SGS Micro Precision	12	03/01/2020	03/01/2021	Consighed equipment As per Huazhen information for this unit will change to Micro Precision instead of SGS for next calibration
75	WATERS (LC Model)	W1-16GC0018	Digital Process Indicator C/W Probe	Omega	DP 80	TE83013-2 (10060165)	SGS Micro Precision	12	26/06/2019	26/06/2020	Consighed equipment As per Huazhen information for this unit will change to Micro Precision instead of SGS for next calibration

Prepared by Venture

Name : Lee Kwang Quek

Signature : 

Designation : Technician

Date : 17-Apr-2020