

Waters consigned equipment list, Total : 75 items. Waters will settle the calibration cost with Micro Precision directly
Date : 15-May-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	30/04/2020	30/04/2021	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	30/04/2020	30/04/2021	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	30/04/2020	30/04/2021	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	30/04/2020	30/04/2021	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	30/04/2020	30/04/2021	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	30/04/2020	30/04/2021	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	30/04/2020	30/04/2021	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	30/04/2020	30/04/2021	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	30/04/2020	30/04/2021	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	30/04/2020	30/04/2021	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	30/04/2020	30/04/2021	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	30/04/2020	30/04/2021	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	30/04/2020	30/04/2021	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	30/04/2020	30/04/2021	Waters USA Consign equipment
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 And recal on 30-Apr-20, still unable to calibrate due to "program error" (ri2461fp_32, exe has generated errors). Pending Test Engineer (Ricky) to inform customer and settle it
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
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

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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
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

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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 change to Micro Precision instead of Bestlabs
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 change to Micro Precision instead of Bestlabs
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 change to Micro Precision instead of Bestlabs
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 change to Micro Precision instead of Bestlabs
68	WATERS (LC Model)	W1-16GC0002	Digital Gram Balance - WP07 (Weighing Scale)	AND (HR-200)	HR-200	12335004 (93371)	MING-DENG- Micro Precision	6	17/04/2020	17/10/2020	Consigned equipment As per Huazhen information for this unit change to Micro Precision instead of Ming Deng
69	WATERS (LC Model)	W1-16GC0005	Digital Gram Balance - WP07 (Weighing Scale)	AND (HR-200)	HR-200	12333739 (93373)	MING-DENG- Micro Precision	6	17/04/2020	17/10/2020	Consigned equipment As per Huazhen information for this unit change to Micro Precision instead of Ming Deng
70	WATERS (LC Model)	W1-16GC0008	Digital Gram Balance - WP07 (Weighing Scale)	AND (HR-200)	HR-200	12333783 (93372)	MING-DENG- Micro Precision	6	17/04/2020	17/10/2020	Consigned equipment As per Huazhen information for this unit change to Micro Precision instead of Ming Deng

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71	WATERS (LC Model)	W1-16GC0011	Digital Gram Balance - WP07 (Weighing Scale)	AND (HR-200)	HR-200	12333730 (93370)	MING-DENG-Micro Precision	6	17/04/2020	17/10/2020	Consigned equipment As per Huazhen information for this unit change to Micro Precision instead of Ming Deng
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	Consigned 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	Consigned 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	Consigned 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	Consigned 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 : 15 May 2020