

Waters Pacific Pte Ltd

1 Science Park Road, #02-08 The Capricorn, Singapore Science
Park II, Singapore 117528

☒	Original (please process)
☐	Confirming (do not duplicate)
☒	Quote Attached
Purchase Order Number	
WPPL-OP-006	

Supplier	
Flex	
1 Kallang Pl, Singapore 339211	
Fax Number +65.6842.3739	
Phone:	+65.6507.6507

Requested by:	Luo HuaZhen	Tel	6593.7044
Date:	07.Apr.20	Mail Stop	
Deliver to:		Ext.	
Department:	WPPL	Mail Stop	
Ship to Location:	1 Science Park Road,#02-08 The Capricorn, Singapore Science Park II, S 117528		

P.O. Date		Delivery Date		Terms	Taxable	Freight		F.O.B		Ship Via	Confirming to	Buyer
07.Apr.20				30 Days							Luo HuaZhen	Luo HuaZhen
Item	Qty	U/M	Manufacturer's Part Number	Description				Unit Price	Total Price (USD)	G/L Account Number (Financial Line/Account No.)	CEA Number	
1	1	EA	N/A	Subtotal Calibration Cost (Instrument)				\$ 459.80	\$ 459.80	WP21 615150		
2	1	EA	N/A	Subtotal Calibration Cost (PCBA)					\$ -	WP21 615150		
3	1	EA	N/A	At hoc-Spare and Misc				\$ 236.57	\$ 236.57	WP21 615150		
4												
5												
6				Kindly quote our PO number on all your documents.								
7												
8												
9												
10												
11												
12												
13												
14												
15												
Grand Total - USD									\$696.37			

Remarks

Approvals 1. Edwin 8th Apr 2020
Edwin Koh, Snr Operations Manager

2
Alan Tan, Snr Finance Manager

Purchasing Copy



Summary	Amount (US\$)	
Calibration Cost- Box Build	USD	459.80
Calibration Cost-PCBA	USD	-
At hoc-Spare and Misc	USD	236.57
Total	USD	696.37

Verified By: HZ 07 Apr 2020

Internal Calibration for Equipment used in Waters@Kallang Place

Feb 2020 Internal Calibration

Sum	\$	141.94
SG&A	\$	7.10
Profit	\$	14.90
Subtotal Internal Calibration		\$ 163.94

S/N	EQID	OWNER	Equipment Description	MANUFACTURER	MODEL	SERIAL NO.	CAL INTERVAL	CALIBRATION DATE	DUE DATE	COST (US\$)
1	'0259	Joel Mamalateo Deduyo	Injector Seal Pack Tester	Waters	TE82503-5	TE82503-5	'06 Months	27.02.2020	27.08.2020	141.94

Verified By: HZ 07 Apr 2020

External Calibration for Equipment used in Waters@Kallang Place
Feb 2020 External Calibration

SUM	USD	268.96
10% Support Cost	USD	26.90
Subtotal	USD	295.86

Conversion rate									1.3608				
S/N	EQID	OWNER	Equipment Description	MANUFACTURER	MODEL	SERIAL NO.	CAL INTERVAL	CAL DATE	PO	Cost USD	Cost SGD	VENDOR	Remarks
1	0246	Joel Mamalateo Deduyo	Digital Multimeter	Fluke	179	90240092	12 Months	13-Feb-20	J12A09836	USD 52.91	SGD 72.00	TSIA	
2	0431	Joel Mamalateo Deduyo	Picoammeter	Keithley	485	435110	12 Months	18-Feb-20	J12A10184	USD 216.05	SGD 294.00	Keysight Technologies	
3	2769	Joel Mamalateo Deduyo	Electronic Weigh Balance	AND	HR200	12303631	06 Months	07-Feb-20	NA	USD 0.00	SGD 0.00	Micro Precision	Customer Paid

Verified By: HZ 07 Apr 2020

Spare Parts used in Waters@Kallang Place

Feb 2020 Calibration

SUM	\$ 215.06
COA	\$ 21.51
Total sum	\$ 236.57

S/N	Date	DESCRIPTION	Part no	BAAN No.	Quantity	Cost (US\$)/EA	Remarks
1	14-Feb-20	ASSY, PCB, 2489 TUV PERSONALITY	WAT-210000355	WAT-210000355	1	\$215.06	For repair of golden unit s/n:L0787E095M due to tester keep on restarting.

Verified By: HZ 07 Apr 2020

S/N	Equipment ID	Equipment Description	Manufacturer	Model	Equipment Serial Number	Interval	Calibration Date	Due Date	Vendor	Equipment-Owner	Customized Equip.	Customer ID	Customer	Location	Active
1	0196	Digital Thermometer with Probe (K type)	Fluke	51 II	89280141	12 Months	30-Jul-19	30-Jul-20	Micro Precision	Joel Mamalateo Deduyo	N	NA	Waters	Waters - Production	Y
2	0206	Electronic Weigh Balance	AND	HR200	12305757	06 Months	13-Jan-20	13-Jul-20	Micro Precision	Joel Mamalateo Deduyo	N	90891	Waters	Waters - Production	Y
3	0207	Column Heater	Waters	WAT091727	M03CHM015R	12 Months	03-Apr-19	03-Apr-20	Internal	Joel Mamalateo Deduyo	Y	81008	Waters	Waters 5th Floor	Y
4	0208	Column Heater	Waters	WAT091727	E01CHM203R	12 Months	03-Apr-19	03-Apr-20	Internal	Joel Mamalateo Deduyo	Y	81009	Waters	Waters 5th Floor	Y
5	0209	Column Heater	Waters	WAT091727	D01CHM128R	12 Months	23-Jan-20	23-Jan-21	Internal	Joel Mamalateo Deduyo	Y	81010	Waters	Waters - Production	Y
6	0210	Column Heater	Waters	WAT091727	K03CHM938R	12 Months	23-Jan-20	23-Jan-21	Internal	Joel Mamalateo Deduyo	Y	81011	Waters	Waters - Production	Y
7	0211	Column Heater	Waters	WAT091727	B03CHM551R	12 Months	24-Jan-20	24-Jan-21	Internal	Joel Mamalateo Deduyo	Y	81012	Waters	Waters - Production	Y
8	0212	Column Heater	Waters	WAT091727	F00CHM528R	12 Months	24-Jan-20	24-Jan-21	Internal	Joel Mamalateo Deduyo	Y	81013	Waters	Waters - Production	Y
9	0213	Column Heater	Waters	WAT091727	F00CHM531R	12 Months	29-Jan-20	29-Jan-21	Internal	Joel Mamalateo Deduyo	Y	81014	Waters	Waters - Production	Y
10	0216	Electronic Weigh Balance	AND	HR200	12200404	06 Months	13-Jan-20	13-Jul-20	Micro Precision	Joel Mamalateo Deduyo	N	90038	Waters	Waters - Production	Y
11	0217	Electronic Weigh Balance	AND	HR200	12303279	06 Months	13-Jan-20	13-Jul-20	Micro Precision	Joel Mamalateo Deduyo	N	90018	Waters	Waters - Production	Y
12	0221	1500 Series Pump Final Test Station	Waters	Pump	TE82705-2	06 Months	26-Nov-19	26-May-20	Internal	Joel Mamalateo Deduyo	Y	TE82705-2	Waters	Waters - Production	Y
13	0222	515 Final Test Station	Waters	Pump	TE82534	06 Months	26-Nov-19	26-May-20	Internal	Joel Mamalateo Deduyo	Y	TE82534	Waters	5th Floor	Y
14	0223	HPMV Tester	Waters	NA	TE82625-1	06 Months	16-Jan-20	16-Jul-20	Internal	Joel Mamalateo Deduyo	Y	TE82625-1	Waters	Waters - Production	Y
15	0224	2690 Pump Head Tester	Waters	NA	TE82519	06 Months	27-Nov-19	27-May-20	Internal	Joel Mamalateo Deduyo	Y	TE82519	Waters	5th Floor	Y
16	0225	Injector Seal Pack Tester	Waters	TE82503-4	TE82503-4	06 Months	16-Jan-20	16-Jul-20	Internal	Joel Mamalateo Deduyo	Y	TE82503-4	Waters	Waters - Production	Y
17	0226	Electronic Weigh Balance	AND	HR200	12315717	06 Months	13-Jan-20	13-Jul-20	Micro Precision	Joel Mamalateo Deduyo	N	90913	Waters	Waters - Production	Y
18	0233	Column Heater	Waters	WAT038040	H01CHM352M	12 Months	29-Jan-20	29-Jan-21	Internal	Joel Mamalateo Deduyo	Y	81020	Waters	Waters - Production	Y
19	0234	Column Heater	Waters	WAT038040	M00CHM910M	12 Months	29-Jan-20	29-Jan-21	Internal	Joel Mamalateo Deduyo	Y	81021	Waters	Waters - Production	Y
20	0235	Column Heater	Waters	WAT038040	H01CHM335M	12 Months	29-Jan-20	29-Jan-21	Internal	Joel Mamalateo Deduyo	Y	81022	Waters	Waters - Production	Y
21	0236	Column Heater	Waters	WAT038040	MX6JM7863M	12 Months	30-Jan-20	30-Jan-21	Internal	Joel Mamalateo Deduyo	Y	81018	Waters	Waters - Production	Y
22	0237	Column Heater	Waters	WAT038040	L97CHM711M	12 Months	30-Jan-20	30-Jan-21	Internal	Joel Mamalateo Deduyo	Y	81019	Waters	Waters 5th Floor	Y
23	0238	Column Heater	Waters	WAT038040	MX6KM9444M	12 Months	02-Apr-20	02-Apr-21	Internal	Joel Mamalateo Deduyo	Y	81017	Waters	Waters 5th Floor	Y
24	0239	Column Heater	Waters	WAT038040	MX5MM5993M	12 Months	30-Jan-20	30-Jan-21	Internal	Joel Mamalateo Deduyo	Y	81023	Waters	Waters - Production	Y
25	0244	Column Heater	Waters	WAT038040	MX6JM7867M	12 Months	30-Jan-20	30-Jan-21	Internal	Joel Mamalateo Deduyo	Y	81016	Waters	Waters - Production	Y
26	0245	Digital Multimeter	Fluke	110	85730619	12 Months	16-Dec-19	16-Dec-20	Micro Precision	Joel Mamalateo Deduyo	N	96263	Waters	Waters - Production	Y
27	0246	Digital Multimeter	Fluke	179	90240092	12 Months	13-Feb-20	13-Feb-21	Micro Precision	Joel Mamalateo Deduyo	N	91368	Waters	Waters - Production	Y
28	*** 0249	Electrical Safety Analyzer	Quadtech	Guardian 6000	5037655	12 Months	08-Jan-20	08-Jan-21	Micro Precision	Joel Mamalateo Deduyo	N	95037	Waters	Waters 5th Floor	Y
29	0256	Pressure Calibrator	Ametek	APC10KGINDG	9093205	12 Months	22-Nov-19	21-Nov-20	Micro Precision	Joel Mamalateo Deduyo	N	WT-TE-0331	Waters	5th Floor	Y
30	0259	Injector Seal Pack Tester	Waters	TE82503-5	TE82503-5	06 Months	27-Feb-20	27-Aug-20	Internal	Joel Mamalateo Deduyo	Y	TE82503-05	Waters	Waters - Production	Y
31	0278	Electronic Weigh Balance	AND	HR200	12316922	06 Months	13-Jan-20	13-Jul-20	Micro Precision	Joel Mamalateo Deduyo	N	95206	Waters	Waters - Production	Y
32	0279	High Voltage Probe	Fluke	80K-6	89200011	12 Months	24-Sep-19	24-Sep-20	SGS	Joel Mamalateo Deduyo	N	NA	Waters	5th Floor	Y
33	0280	Clamp Meter	Kyoritsu	2033	66386	12 Months	30-Jul-19	30-Jul-20	Micro Precision	Joel Mamalateo Deduyo	N	NA	Waters	Waters - Production	Y
34	*** 0360	Electrical Safety Analyzer	Quadtech	Guardian 6000	6069766	12 Months	28-Nov-19	28-Nov-20	Micro Precision	Joel Mamalateo Deduyo	N	NA	Waters	Waters 5th Floor	Y
35	0431	Picoammeter	Keithley	485	435110	12 Months	18-Feb-20	18-Feb-21	Keysight Technologies	Joel Mamalateo Deduyo	N	NA	Waters	5th Floor	Y
36	*** 0432	Electrical Safety Analyzer	Quadtech	Guardian 6000 Plus	08280865	12 Months	03-Oct-19	03-Oct-20	Micro Precision	Joel Mamalateo Deduyo	N	NA	Waters	Waters - Production	Y
37	0458	Auto Pressure (Flowcell Tester)	Waters	NA	TE-82475-2	12 Months	11-Apr-19	11-Apr-20	Internal	Joel Mamalateo Deduyo	Y	NA	Waters	5th Floor	Y
38	0481	Liquilaz	Particle Measuring Systems	E20P	51053	12 Months	21-Aug-19	21-Aug-20	Particle Measuring Systems	Joel Mamalateo Deduyo	N	NA	Waters	5th Floor	Y
39	0497	Electronic Weigh Balance	AND	HR200	12326186	06 Months	31-Jan-20	31-Jul-20	Ming Deng	Joel Mamalateo Deduyo	N	90610	Waters	Waters - Production	Y
40	0499	Electronic Weigh Balance	AND	HR200	12324733	06 Months	12-Dec-19	16-Jun-20	Micro Precision	Joel Mamalateo Deduyo	N	90605	Waters	Waters - Production	Y
41	0500	Electronic Weigh Balance	AND	HR200	12326184	06 Months	23-Oct-19	23-Apr-20	Micro Precision	Joel Mamalateo Deduyo	N	90608	Waters	Waters - Production	Y

Verified By: HZ 07 Apr 2020

S/N	Equipment ID	Equipment Description	Manufacturer	Model	Equipment Serial Number	Interval	Calibration Date	Due Date	Vendor	Equipment-Owner	Customized Equip.	Customer ID	Customer	Location	Active
42	0501	Electronic Weigh Balance	AND	HR200	12326187	06 Months	16-Dec-19	16-Jun-20	Micro Precision	Joel Mamalateo Deduyo	N	90604	Waters (1500 Pump)	Waters - Production	Y
43	0502	Electronic Weigh Balance	AND	HR200	12326180	06 Months	16-Dec-19	16-Jun-20	Micro Precision	Joel Mamalateo Deduyo	N	90603	Waters	Waters - Production	Y
44	0503	Electronic Weigh Balance	AND	HR200	12326190	06 Months	16-Dec-19	16-Jun-20	Micro Precision	Joel Mamalateo Deduyo	N	90600	Waters	Waters - Production	Y
45	0504	Electronic Weigh Balance	AND	HR200	12326279	06 Months	16-Dec-19	16-Jun-20	Micro Precision	Joel Mamalateo Deduyo	N	90607	Waters	Waters - Production	Y
46	0592	Torque Wrench	Snap-on	QD2R1000	1009032663	06 Months	04-Mar-20	04-Sep-20	Ming Deng	Phani	N	NA	Waters	5th Floor	Y
47	0594	Dial Depth Gauge	Mitutoyo	2904S / 7217S	LQY537 / 000943	06 Months	06-Mar-20	06-Sep-20	Ming Deng	Phani	N	NA	Waters	Waters - Production	Y
48	0595	Dial Indicator	Mitutoyo	2514S	JDY576	06 Months	06-Mar-20	06-Sep-20	Ming Deng	Phani	N	NA	Waters	Waters - Production	Y
49	0597	Mass Flow Meter	AALBORG	GFM17	170609-1	12 Months	15-Jul-19	15-Jul-20	Caltek	Joel Mamalateo Deduyo	N	NA	Waters	Waters - Production	Y
50	0877	Torque Wrench	Snap-on	QD1R200	0408302147	06 Months	04-Mar-20	04-Sep-20	Ming Deng	Gary Lai Yam Bee	N	NA	Waters	Waters - Production	Y
51	1109	Dual Wavelength Detector	Waters	TUV Detector	K05UPT479M	12 Months	31-Jan-20	31-Jan-21	Internal	Joel Mamalateo Deduyo	Y	91897	Waters	Waters - Production	Y
52	1394	2489 UV / Visible Detector	Waters	186248900	H1387E726A	12 Months	12-Jun-19	12-Jun-20	Internal	Joel Mamalateo Deduyo	Y	NA	Waters	Waters - Production	Y
53	1395	2489 UV / Visible Detector	Waters	186248900	H1387E727A	12 Months	10-Jul-19	10-Jul-20	Internal	Joel Mamalateo Deduyo	Y	NA	Waters	Waters - Production	Y
54	1396	2489 UV / Visible Detector	Waters	186248900	H1387E728A	12 Months	28-Jun-19	28-Jun-20	Internal	Joel Mamalateo Deduyo	Y	NA	Waters	Waters - Production	Y
55	1397	2489 UV / Visible Detector	Waters	186248900	H1387E729A	12 Months	19-Jul-19	19-Jul-20	Internal	Joel Mamalateo Deduyo	Y	NA	Waters	Waters - Production	Y
56	1398	2489 UV / Visible Detector	Waters	186248900	H1387E730A	12 Months	11-Jul-19	11-Jul-20	Internal	Joel Mamalateo Deduyo	Y	NA	Waters	Waters - Production	Y
57	1399	2489 UV / Visible Detector	Waters	186248900	H1387E731A	12 Months	03-Jun-19	03-Jun-20	Internal	Joel Mamalateo Deduyo	Y	NA	Waters	Waters - Production	Y
58	1400	2489 UV / Visible Detector	Waters	186248900	H1387E732A	12 Months	11-Jun-19	11-Jun-20	Internal	Joel Mamalateo Deduyo	Y	NA	Waters	Waters - Production	Y
59	1401	2489 UV / Visible Detector	Waters	186248900	H1387E733A	12 Months	13-Jun-19	13-Jun-20	Internal	Joel Mamalateo Deduyo	Y	NA	Waters	Waters - Production	Y
60	1402	2489 UV / Visible Detector	Waters	186248900	H1387E734A	12 Months	19-Jul-19	19-Jul-20	Internal	Joel Mamalateo Deduyo	Y	NA	Waters	Waters - Production	Y
61	1403	2489 UV / Visible Detector	Waters	186248900	H1387E735A	12 Months	10-Jul-19	10-Jul-20	Internal	Joel Mamalateo Deduyo	Y	NA	Waters	Waters - Production	Y
62	1404	2489 UV / Visible Detector	Waters	186248900	H1387E736A	12 Months	21-Jun-19	21-Jun-20	Internal	Joel Mamalateo Deduyo	Y	NA	Waters	Waters - Production	Y
63	1405	2489 UV / Visible Detector	Waters	186248900	H1387E737A	12 Months	11-Jul-19	11-Jul-20	Internal	Joel Mamalateo Deduyo	Y	NA	Waters	Waters - Production	Y
64	1428	2489 UV / Visible Detector	Waters	186248900	H1387E710A	12 Months	11-Jul-19	11-Jul-20	Internal	Joel Mamalateo Deduyo	Y	NA	Waters	Waters - Production	Y
65	1429	2489 UV / Visible Detector	Waters	186248900	D1387E759A	12 Months	10-Apr-19	10-Apr-20	Internal	Joel Mamalateo Deduyo	Y	NA	Waters	Waters - Production	Y
66	1430	2489 UV / Visible Detector	Waters	186248900	D1387E763A	12 Months	11-Apr-19	11-Apr-20	Internal	Joel Mamalateo Deduyo	Y	NA	Waters	Waters - Production	Y
67	1431	2489 UV / Visible Detector	Waters	186248900	D1387E765A	12 Months	12-Apr-19	12-Apr-20	Internal	Joel Mamalateo Deduyo	Y	NA	Waters	Waters - Production	Y
68	1432	2489 UV / Visible Detector	Waters	186248900	D1387E766A	12 Months	05-Apr-19	05-Apr-20	Internal	Joel Mamalateo Deduyo	Y	NA	Waters	Waters - Production	Y
69	1433	2489 UV / Visible Detector	Waters	186248900	C1387E135M	12 Months	12-Apr-19	12-Apr-20	Internal	Joel Mamalateo Deduyo	Y	NA	Waters	Waters - Production	Y
70	*** 1492	Electrical Safety Analyzer	Chroma	19032	19032G000182	12 Months	26-Oct-19	26-Oct-20	Micro Precision	Joel Mamalateo Deduyo	N	NA	Waters	Waters - Production	Y
71	1515	2489 UV / Visible Detector	WATERS	186248900	B1587E607A	12 Months	26-Dec-19	26-Dec-20	Internal	Joel Mamalateo Deduyo	Y	NA	Waters	Waters - Production	Y
72	1516	2489 UV / Visible Detector	WATERS	186248900	B1587E608A	12 Months	27-Dec-19	27-Dec-20	Internal	Joel Mamalateo Deduyo	Y	NA	Waters	Waters - Production	Y
73	1519	2489 UV / Visible Detector	WATERS	186248900	B1587E609A	12 Months	27-Dec-19	27-Dec-20	Internal	Joel Mamalateo Deduyo	Y	NA	Waters	Waters - Production	Y
74	1520	2489 UV / Visible Detector	WATERS	186248900	B1587E610A	12 Months	26-Dec-19	26-Dec-20	Internal	Joel Mamalateo Deduyo	Y	NA	Waters	Waters - Production	Y
75	1577	Macbeth Lighting	X-Rite	Judge II	C61093261217	12 Months	04-Sep-19	04-Sep-20	Xrite	Hayati Binte Isshak	N	NA	Waters	Changi South - IQA	Y
76	1781	Column Heater	WATERS	WAT091727	C13CHM795R	12 Months	17-Jul-19	17-Jul-20	Internal	Joel Mamalateo Deduyo	Y	NA	Waters	Waters - Production	Y
77	1782	Column Heater	WATERS	WAT091727	D12CHM299R	12 Months	17-Jul-19	17-Jul-20	Internal	Joel Mamalateo Deduyo	Y	NA	Waters	Waters - Production	Y
78	1783	Column Heater	WATERS	WAT091727	K14CHM398R	12 Months	18-Jul-19	18-Jul-20	Internal	Joel Mamalateo Deduyo	Y	NA	Waters	Waters - Production	Y
79	1784	Column Heater	WATERS	WAT091727	L14CHM438R	12 Months	19-Jul-19	19-Jul-20	Internal	Joel Mamalateo Deduyo	Y	NA	Waters	Waters - Production	Y
80	1787	Column Heater	WATERS	WAT091727	D15CHM641R	12 Months	19-Jul-19	19-Jul-20	Internal	Joel Mamalateo Deduyo	Y	NA	Waters	Waters - Production	Y
81	2035	Electronic Weigh Balance	AND	HR200	12336741	06 Months	23-Oct-19	23-Apr-20	Micro Precision	Joel Mamalateo Deduyo	N	NA	Waters (BSM/QSM)	Waters - Production	Y
82	2092	Electronic Weigh Balance	AND	HR200	12337042	06 Months	23-Oct-19	23-Apr-20	Micro Precision	Joel Mamalateo Deduyo	N	92207	Waters (Pump Series)	Waters - Production	Y
83	*** 2094	Load Box	Chroma	S14-03	14354695	12 Months	12-Dec-19	12-Dec-20	Micro Precision	Joel Mamalateo Deduyo	N	86080	Waters (Generic)	Waters - Production	Y

Verified By: HZ 07 Apr 2020

S/N	Equipment ID	Equipment Description	Manufacturer	Model	Equipment Serial Number	Interval	Calibration Date	Due Date	Vendor	Equipment-Owner	Customized Equip.	Customer ID	Customer	Location	Active
84	*** 2096	Load Box	Chroma	S14-03	14354691	12 Months	08-May-19	08-May-20	Micro Precision	Joel Mamalateo Deduyo	N	86079	Waters (Generic)	Waters - Production	Y
85	*** 2097	Load Box	Chroma	S14-03	7322788	12 Months	08-May-19	08-May-20	Micro Precision	Joel Mamalateo Deduyo	N	86085	Waters (Generic)	Waters - Production	Y
86	2217	Benchtop Measuring Machine	Quality Vision International	StarLite 150	RSL1002609	12 Months	23-Apr-19	22-Apr-20	Micro Precision	Joel Mamalateo Deduyo	N	95515	Waters	Waters - Production	Y
87	2348	2489 UV / Visible Detector	Waters	186248900	C1887E101A	12 Months	20-Mar-20	20-Mar-21	Internal	Joel Mamalateo Deduyo	Y	NA	Waters (eAlliance)	Waters - Production	Y
88	2349	2489 UV / Visible Detector	Waters	186248900	C1887E103A	12 Months	20-Mar-20	20-Mar-21	Internal	Joel Mamalateo Deduyo	Y	NA	Waters (eAlliance)	Waters - Production	Y
89	2350	2489 UV / Visible Detector	Waters	186248900	C1887E106A	12 Months	13-Mar-20	13-Mar-21	Internal	Joel Mamalateo Deduyo	Y	NA	Waters (eAlliance)	Waters - Production	Y
90	2351	2489 UV / Visible Detector	Waters	186248900	D1887E275A	12 Months	08-Apr-19	08-Apr-20	Internal	Joel Mamalateo Deduyo	Y	NA	Waters (eAlliance)	Waters - Production	Y
91	2352	Column Heater Module	Waters	WAT038040	M17CHM834M	12 Months	13-Jun-19	13-Jun-20	Internal	Joel Mamalateo Deduyo	Y	NA	Waters (eAlliance)	Waters - Production	Y
92	2353	Column Heater Module	Waters	WAT038040	M17CHM835M	12 Months	13-Jun-19	13-Jun-20	Internal	Joel Mamalateo Deduyo	Y	NA	Waters (eAlliance)	Waters - Production	Y
93	2354	Column Heater Module	Waters	WAT038040	M17CHM839M	12 Months	13-Jun-19	13-Jun-20	Internal	Joel Mamalateo Deduyo	Y	NA	Waters (eAlliance)	Waters - Production	Y
94	2355	Column Heater Module	Waters	WAT038040	M17CHM840M	12 Months	13-Jun-19	13-Jun-20	Internal	Joel Mamalateo Deduyo	Y	NA	Waters (eAlliance)	Waters - Production	Y
95	2769	Electronic Weigh Balance	AND	HR200	12303631	06 Months	07-Feb-20	07-Aug-20	Micro Precision	Joel Mamalateo Deduyo	N	82184	Waters	Waters - Production	Y

Verified By: HZ 07 Apr 2020



Packing List

Customer Purchase Order Number J12A10184		
Service Order Number 1-12192422862	Ship Date 19-Feb-2020	Incoterms
Carrier Reference Number	Carrier	Trip Number

Attention: Wafa Huwaina

Ship To:

Flextronics Manufacturing (Singapore) Pte Ltd
1 Kallang Pl
SINGAPORE 339211
Singapore

Telephone: +60 (0)7 597-2811

Please Direct Inquiries To:

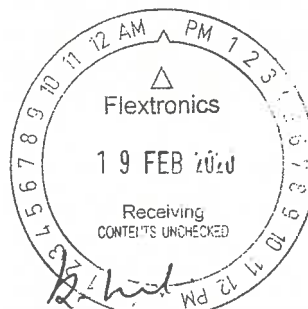
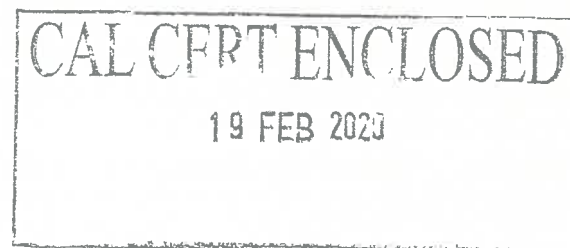
Singapore Customer Contact Center
Telephone: 1800-375-8100/ (65) 6375-8100
Fax: (65) 6755 1214
Email: instruments_services@keysight.com

Product Number/Description	Manufacturer	Serial Number	Quantity
485 Autoranging Picoammeter	Keithley Instruments Inc	435110	1

Accessories:

cable x1, handle x1.

Please notify Keysight Technologies Singapore (Sales) Pte. Ltd of discrepancy/damage with the repaired or calibrated unit within 3 working days from the date of receipt of unit.



Customer Name

Customer Signature

Date



Service Order: 1-12192422862

Verified By: HZ 07 Apr 2020



Delivery Order



FLEXTRONICS KALLANG

Shipped To : FLEXTRONICS MANUFACTURING (SINGAPORE) PTE. LTD.

Contact : Joel Mamalateo Deduyo

Address : 1 Kallang Place

Singapore 339211

Phone: 9685 8678

Fax:

From: MICRO PRECISION CALIBRATION PTE LTD

Contact : Zheng JianJuan

Address : BLOCK 5008 ANG MO KIO AVENUE 5 #07-02/03
TECHPLACE II SINGAPORE 569874

Phone: 65 67484384

Fax: (65) 67484349

WO Number : SG-11013410

Shipping Date : Feb 13, 2020

Shipping Time : 7:18:25 PM

Shipped By : YININGZHU

Department : CSR

PO number : Pending

Terms : NET 30

Signature :

Remarks : On Site Calibration

ID	Asset ID	Description	Model	Manufacturer	Serial	Condition
12303631	2769	ELECTRONIC WEIGHING BALANCE	HR200	A&D	12303631	Passed

Total # of Item 1

Verified By: HZ 07 Apr 2020

Customer Name: WATERS PACIFIC PTE LTD

Customer Signature: _____

Date: _____

20-02-20

MPC Signature: _____

Date: 13-Feb-2020



SG-11013410



**Techsystems Services & Integration Asia Pte Ltd**

2 Loyang Lane #06-03 • Loyang Industrial Estate • Singapore 508913

Tel: (65) 65432855 • Fax: (65) 65431329 • Website: www.tsiasia.com

Email: enquiry@tsitechventures.com

Co Reg No: 199202282R • GST No: M2-0106585-2

Date : 19/02/2020

DELIVERED TO :

FLEXTRONICS MANUFACTURING (S) PTE LTD
1 KALLANG PLACE
SINGAPORE 339211

6507 5996

ATTN: JOEL M.DEDUYO

LOC :

TEL : 6507 5167

FAX :

I. D. NUMBER : FMS

DELIVERY ORDER NO : 85034

PO NO : J12A09836

ON 27/11/2019

POS 9.0

one

S/N	Reference	Description	Model	Manufacturer	Serial No.	Cust. No.
1	FMS/ 2651	MULTIMETER	179	FLUKE	90240092	0246

Observation : W/O ACCESSORIES

*Fuse blown & Replaced

Verified By: HZ 07 Apr 2020

EQUIPMENT RECEIVED BY :

SIGNATURE OF SENDER :

ON : / /

Signature & Company Stamp :

Page 1

HuaZhen Luo

From: Alan Tan
Sent: Thursday, 9 April, 2020 17:18
To: HuaZhen Luo
Cc: Sue Jin Ng
Subject: FW: Waters Feb 2020 Calibration Claim -US\$696.37
Attachments: WPPL-OP-006- Flex 2020 Feb Calibration for Approval.pdf

Approved

From: HuaZhen Luo <HuaZhen_Luo@waters.com>
Sent: Thursday, 9 April, 2020 17:06
To: Alan Tan <Alan_Tan@waters.com>
Subject: FW: Waters Feb 2020 Calibration Claim -US\$696.37

Hi Alan,

We need your approval of this calibration claim from Flex too.
Thank you

Luo HuaZhen
Senior Test Engineer

[T] +65 6593 7044
[F] +65 6873 0820
[W] www.waters.com
[E] huazhen_luo@waters.com



Waters
THE SCIENCE OF
WHAT'S POSSIBLE.™

Waters Pacific Pte Ltd
1 Science Park Road
#02-08 The Capricorn
Singapore Science Park II
Singapore 117528

From: Edwin Koh <Edwin_Koh@waters.com>
Sent: Wednesday, 8 April, 2020 19:55
To: HuaZhen Luo <HuaZhen_Luo@waters.com>
Cc: Alan Tan <Alan_Tan@waters.com>
Subject: RE: Waters Feb 2020 Calibration Claim -US\$696.37

Hi HuaZhen,

Approved per request

Thanks
Edwin

From: HuaZhen Luo <HuaZhen_Luo@waters.com>
Sent: Wednesday, April 8, 2020 15:56
To: Edwin Koh <Edwin_Koh@waters.com>
Cc: Alan Tan <Alan_Tan@waters.com>
Subject: RE: Waters Feb 2020 Calibration Claim -US\$696.37

Hi Edwin,

As discussion, please kindly approve this claim from Flex. Thank you

Luo HuaZhen
Senior Test Engineer

Waters
THE SCIENCE OF
WHAT'S POSSIBLE.™

[T] +65 6593 7044
[F] +65 6873 0820
[W] www.waters.com
[E] huazhen_luo@waters.com

Waters Pacific Pte Ltd
1 Science Park Road
#02-08 The Capricorn
Singapore Science Park II
Singapore 117528



From: HuaZhen Luo
Sent: Tuesday, 7 April, 2020 10:31
To: Edwin Koh <Edwin_Koh@waters.com>
Cc: Alan Tan <Alan_Tan@waters.com>
Subject: FW: Waters Feb 2020 Calibration Claim -US\$696.37

Hi Edwin,

Please kindly approve this calibration claim from Flex.
I have filled up the PO and attached the necessary documents in 1 single PDF as attached.

Thank you

Luo HuaZhen
Senior Test Engineer

Waters
THE SCIENCE OF
WHAT'S POSSIBLE.™

[T] +65 6593 7044
[F] +65 6873 0820
[W] www.waters.com
[E] huazhen_luo@waters.com

Waters Pacific Pte Ltd
1 Science Park Road
#02-08 The Capricorn
Singapore Science Park II
Singapore 117528



From: Amy Xu Xia Jie <amy.xu@flex.com>
Sent: Monday, 6 April, 2020 18:20
To: HuaZhen Luo <HuaZhen_Luo@waters.com>
Cc: Edwin Koh <Edwin_Koh@waters.com>; Desmond Ann <Desmond_Ann@waters.com>; Muhammad Zuhdi Sulong <muhammadzuhdi.binsulong@flex.com>
Subject: [EXT] RE: Waters Feb 2020 Calibration Claim -US\$696.37

ATTENTION: This email originated from outside of the organization. Please do not open any attachments or click any links unless you recognize the sender and know the content is safe.

Hi Hua Zhen

Just now I attached wrong file , Pls refer to these correct file . thanks

Regards

Amy Xu Xiajie
Program Manager
65-6507 6143 Direct
65-9152 6350 Mobile
amy.xu@flex.com
1 Kallang Place
Singapore 339211



From: Amy Xu Xia Jie
Sent: Monday, April 6, 2020 6:05 PM
To: HuaZhen Luo <HuaZhen_Luo@waters.com>
Cc: Edwin Koh <Edwin_Koh@waters.com>; Desmond Ann <Desmond_Ann@waters.com>; Muhammad Zuhdi Sulong <muhammadzuhdi.binsulong@flex.com>
Subject: RE: Waters Feb 2020 Calibration Claim -US\$696.37

Hi Hua Zhen

Pls refer to the attached master list . We already changed the vendor to Macro Precision according to the transfer list except previously mentioned 5 equipment .

Please review and advise if any concerns

Regards

Amy Xu Xiajie
Program Manager
65-6507 6143 Direct
65-9152 6350 Mobile
amy.xu@flex.com
1 Kallang Place
Singapore 339211



From: Amy Xu Xia Jie
Sent: Monday, April 6, 2020 3:54 PM
To: HuaZhen Luo <HuaZhen_Luo@waters.com>
Cc: Edwin Koh <Edwin_Koh@waters.com>; Desmond Ann <Desmond_Ann@waters.com>; Chang Mei Lan <meilan.chang@flex.com>; Muhammad Zuhdi Sulong <muhammadzuhdi.binsulong@flex.com>
Subject: RE: Waters Feb 2020 Calibration Claim -US\$696.37

Hi Hua Zhen

Thanks for the follow up. Team are verifying the master list and will share to Waters by end of today .

Sorry to keep you waiting .

Regards

Amy Xu Xiajie
Program Manager
65-6507 6143 Direct
65-9152 6350 Mobile
amy.xu@flex.com
1 Kallang Place
Singapore 339211



From: Muhammad Zuhdi Sulong <muhammadzuhdi.binsulong@flex.com>
Sent: Wednesday, April 1, 2020 4:42 PM
To: HuaZhen Luo <HuaZhen_Luo@waters.com>; Amy Xu Xia Jie <amy.xu@flex.com>; Chang Mei Lan <meilan.chang@flex.com>
Cc: Edwin Koh <Edwin_Koh@waters.com>; Desmond Ann <Desmond_Ann@waters.com>
Subject: RE: Waters Feb 2020 Calibration Claim -US\$696.37
Importance: High

Hi HuaZhen,
Noted.

Aside to Mei Lan,
Please help to provide the updated Masterlist for those IMTE send to Micro Precision (also included with IMTE which still sent to existing Vendor, before the effective date)

Regards,
Zuhdi (Quality)

direct: +65 6507 6039
mobile: +65 9619 6743
email: muhammadzuhdi.binsulong@flex.com



Flextronics Manufacturing (Singapore) Pte Ltd
No.1 Kallang Place, Singapore 339211.

From: HuaZhen Luo <HuaZhen_Luo@waters.com>
Sent: Wednesday, April 1, 2020 4:37 PM
To: Amy Xu Xia Jie <amy.xu@flex.com>
Cc: Muhammad Zuhdi Sulong <muhammadzuhdi.binsulong@flex.com>; Edwin Koh <Edwin_Koh@waters.com>; Desmond Ann <Desmond_Ann@waters.com>
Subject: RE: Waters Feb 2020 Calibration Claim -US\$696.37

Hi Amy/Zuhdi,

Please update your Equipment Master List to reflect all items which's going to be handled by Micro Precision under 'Vendor' column.

And also indicated those item were arranged before our single-vendor initiative cut-in date in the same master list.

So that we continue use one single Equipment Master List for all calibration management, it will be easy for monitoring by both Flex and Waters.

I will process this claim after this Equipment Mast List updated to reflect all recent changes mentioned above.

Please let me know if you have any questions. Thank you

Luo HuaZhen
Senior Test Engineer

[T] +65 6593 7044
[F] +65 6873 0820
[W] www.waters.com
[E] huazhen_luo@waters.com



Waters
THE SCIENCE OF
WHAT'S POSSIBLE.™

Waters Pacific Pte Ltd
1 Science Park Road
#02-08 The Capricorn
Singapore Science Park II
Singapore 117528

From: Amy Xu Xia Jie <amy.xu@flex.com>

Sent: Tuesday, 24 March, 2020 16:18

To: HuaZhen Luo <HuaZhen_Luo@waters.com>

Cc: Muhammad Zuhdi Sulong <muhammadzuhdi.binsulong@flex.com>

Subject: [EXT] RE: Waters Feb 2020 Calibration Claim -US\$696.37

ATTENTION: This email originated from outside of the organization. Please do not open any attachments or click any links unless you recognize the sender and know the content is safe.

Hi Hua Zhen

Flex Calibration Procedure defined to coordinate and trigger the owner 2-months ahead from the due date. Means if the equipment will be due in Feb/March, the coordination with Owner and Supplier was took place in Dec 2019 and Jan 2020.

And Supplier (Existing) shall provide the quotation to Flex, and had firmed the arrangement on certain date.

This is the reason why we still sent equipment 0246 due on 13 Feb to existing supplier.

Out of 0246, we also have below 5 equipment due in 4th week of Feb and 1st week of Mar send to existing supplier base on current supplier.

S/N	Equipment ID	Equipment Description	Manufacturer
40	0497	Electronic Weigh Balance	AND
47	0592	Torque Wrench	Snap-on
48	0594	Dial Depth Gauge	Mitutoyo
49	0595	Dial Indicator	Mitutoyo
51	0877	Torque Wrench	Snap-on

Amy Xu Xiajie
Program Manager
65-6507 6143 Direct
65-9152 6350 Mobile
amy.xu@flex.com
1 Kallang Place
Singapore 339211



From: HuaZhen Luo <HuaZhen_Luo@waters.com>
Sent: Tuesday, March 24, 2020 11:24 AM
To: Amy Xu Xia Jie <amy.xu@flex.com>
Cc: Muhammad Zuhdi Sulong <muhammadzuhdi.binsulong@flex.com>
Subject: RE: Waters Feb 2020 Calibration Claim -US\$696.37

Hi Amy/Zuhdi,

Please update us all the equipment under the transfer list and you already engaged previous Vendor.
So that we can process the claim with these info provided.

Luo HuaZhen
Senior Test Engineer

[T] +65 6593 7044
[F] +65 6873 0820
[W] www.waters.com
[E] huazhen_luo@waters.com



Waters
THE SCIENCE OF
WHAT'S POSSIBLE.™

Waters Pacific Pte Ltd
1 Science Park Road
#02-08 The Capricorn
Singapore Science Park II
Singapore 117528

From: HuaZhen Luo
Sent: Wednesday, 18 March, 2020 16:52
To: Amy Xu Xia Jie <amy.xu@flex.com>
Cc: Desmond Ann <Desmond_Ann@waters.com>; Edwin Koh <Edwin_Koh@waters.com>; Muhammad Zuhdi Sulong <muhammadzuhdi.binsulong@flex.com>
Subject: RE: Waters Feb 2020 Calibration Claim -US\$696.37

Hi Amy,

Please list all equipment you have engaged vendor before this transition and highlight to us with details (eg, calibration date).

We shouldn't see items under transfer list is still using previous vendor since we have appointed Micro Precision to provide the service.

Regarding equipment 0431 Keithley 485, it's not in the list.

So you can still engage the original service provider to do calibration as Micro Precision has no capability for now.

Luo HuaZhen
Senior Test Engineer

Waters
THE SCIENCE OF
WHAT'S POSSIBLE™

[T] +65 6593 7044
[F] +65 6873 0820
[W] www.waters.com
[E] huazhen_luo@waters.com

Waters Pacific Pte Ltd
1 Science Park Road
#02-08 The Capricorn
Singapore Science Park II
Singapore 117528



From: Amy Xu Xia Jie <amy.xu@flex.com>

Sent: Wednesday, 18 March, 2020 15:59

To: HuaZhen Luo <HuaZhen_Luo@waters.com>

Cc: Desmond Ann <Desmond_Ann@waters.com>; Edwin Koh <Edwin_Koh@waters.com>; Muhammad Zuhdi Sulong <muhammadzuhdi.binsulong@flex.com>

Subject: [EXT] RE: Waters Feb 2020 Calibration Claim -US\$696.37

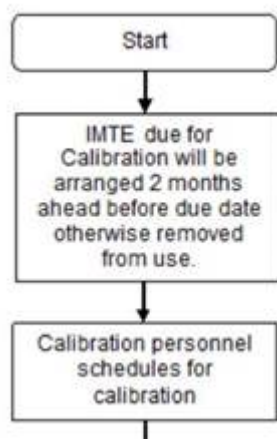
ATTENTION: This email originated from outside of the organization. Please do not open any attachments or click any links unless you recognize the sender and know the content is safe.

Hi Hua Zhen

Per Flex procedure , Calibration coordinator will inform the calibration schedule 2 months before the due date. This is the reason some equipment still send to "old" vendor.

Can you also check equipment number 0431, model 485? It's not in the transfer list but you highlight below .

I copy calibration team Zuhdi in the loop if you need further information .



Amy Xu Xiajie
Program Manager
65-6507 6143 Direct
65-9152 6350 Mobile
amy.xu@flex.com
1 Kallang Place
Singapore 339211

From: HuaZhen Luo <HuaZhen_Luo@waters.com>
Sent: Wednesday, March 18, 2020 10:29 AM
To: Amy Xu Xia Jie <amy.xu@flex.com>
Cc: Desmond Ann <Desmond_Ann@waters.com>; Edwin Koh <Edwin_Koh@waters.com>
Subject: RE: Waters Feb 2020 Calibration Claim -US\$696.37

Hi Amy,

Can you please explain why the first 2 items were still sent o previous calibration house instead of Micro Precision?

Thanks

External Calibration for Equipment used in Waters@Kallang Place										
Feb 2020 External Calibration										
									SUM	USD 268.9
									10% Support Cost	USD 26.9
									Subtotal	USD 295.8
Conversion rate										1.3608
S/N	EQID	OWNER	Equipment Description	MANUFACTURER	MODEL	SERIAL NO.	CAL INTERVAL	CAL DATE	PO	Cost USD
1	0246	Joel Mamalateo Deduyo	Digital Multimeter	Fluke	179	90240092	12 Months	13-Feb-20	J12A09836	USD 52.91
2	0431	Joel Mamalateo Deduyo	Picoammeter	Keithley	485	435110	12 Months	18-Feb-20	J12A10184	USD 216.05
3	2769	Joel Mamalateo Deduyo	Electronic Weigh Balance	AND	HR200	12303631	06 Months	07-Feb-20	NA	USD 0.00

Luo HuaZhen
Senior Test Engineer

[T] +65 6593 7044
 [F] +65 6873 0820
 [W] www.waters.com
 [E] huazhen_luo@waters.com



Waters
THE SCIENCE OF
WHAT'S POSSIBLE.™

Waters Pacific Pte Ltd
 1 Science Park Road
 #02-08 The Capricorn
 Singapore Science Park II
 Singapore 117528

From: Amy Xu Xia Jie <amy.xu@flex.com>
Sent: Tuesday, 17 March, 2020 16:47
To: HuaZhen Luo <HuaZhen_Luo@waters.com>
Cc: Desmond Ann <Desmond_Ann@waters.com>
Subject: [EXT] Waters Feb 2020 Calibration Claim -US\$696.37

ATTENTION: This email originated from outside of the organization. Please do not open any attachments or click any links unless you recognize the sender and know the content is safe.

Hi Hua Zhen

Pls refer to the attached Feb calibration claim .

Total claim amount US\$696.37

Please provide the PO to Flex before end of Mar .

Summary	Amount (US\$)	
Calibration Cost- Box Build	USD	459.80
Calibration Cost-PCBA	USD	-
At hoc-Spare and Misc	USD	236.57
Total	USD	696.37

Regards

Amy Xu Xiajie
Program Manager
65-6507 6143 Direct
65-9152 6350 Mobile
amy.xu@flex.com
1 Kallang Place
Singapore 339211



The information in this email is confidential, and is intended solely for the addressee(s). Access to this email by anyone else is unauthorized and therefore prohibited. If you are not the intended recipient you are notified that disclosing, copying, distributing or taking any action in reliance on the contents of this information is strictly prohibited and may be unlawful.

Legal Disclaimer :

The information contained in this message may be privileged and confidential.
It is intended to be read only by the individual or entity to whom it is addressed
or by their designee. If the reader of this message is not the intended recipient,
you are on notice that any distribution of this message, in any form,
is strictly prohibited. If you have received this message in error,
please immediately notify the sender and delete or destroy any copy of this message!