

Waters Corporation - Test Record

Part Number: <u>800000410</u>	Product: <u>FL Sample Manager</u>
Operator: <u>USPLMEC54</u>	Start Time: <u>02/25/2021, 10:45:51</u>
Serial Number: <u>D14UFL363R</u>	End Time: <u>02/25/2021, 13:53:41</u>
Test System: <u>TE0084050-RD</u>	Order: <u>TEST2</u>
Test Software: <u>1.01</u>	Location: <u>TE, Milford, US</u>

Firmware: 1.70.392 (Sep 28 2017 10:28:50)

Name	LSL	Measurement	USL	Unit	Outcome
Electrical Safety Test					PASS
Power-on Initialization					PASS
Fans					PASS
Firmware Download					PASS
ReStart Initialization					PASS
Sample Compartment Door & Lights					PASS
Jumper Configuration		129	129		PASS
Test Event Inputs					PASS
Test Event Outputs					PASS
Test SPI Interface					PASS
Test Leak Detectors					PASS
Test Ecord Interface					PASS
Theta Drive Calibration					PASS
Tray Cal Offset	-180	-16.51	180	Deg	PASS
R Axis Calibration					PASS
R Offset	-3	0.27	3	mm	PASS
Z Axis Calibration					PASS
Z Offset	-3	-1.45	3	mm	PASS
Zp Offset	-3	0.65	3		PASS
Sample Tray Select Switch					PASS
Check Theta Drive Belt					PASS
R/Theta Positioner Test					PASS
1st Move Error	-0.3	0.13	0.3		PASS
Zp Pierce	-20	0	20	Lost Steps	PASS
Z Pierce	-20	2	20	Lost Steps	PASS
R Lost Steps	-20	-1	20	Lost Steps	PASS
Sample Cooler Test		-0.869	-0.6	Deg C/Min	PASS
Test Pressure Transducer	0.45	0.4968	0.55	VDC	PASS
Wash Syringe Prime					PASS
Sample Syringe Prime					PASS
Strong Wash Syringe Decay	-5	1.2	30	psi	PASS
Weak Wash Syringe Decay	-5	0.6	30	psi	PASS
Sample Syringe Decay	-5	2.3	40	psi	PASS
Needle Seal Position	57	58	61	mm	PASS
Needle Seal Decay	-10	5.4	50	psi	PASS
Back Pressure Regulator Test	135	144.8	165	psi	PASS
BOS Pump Test					PASS
Needlewash Prime					PASS
Air Sensor Calibration	7	8	10	uL	PASS

Dislodge Bubbles					PASS
Loop Volume	7.5	9.8	13	uL	PASS
Needle Volume	9	10.7	13	uL	PASS
Check Acquity Stack					PASS
Test Preblank Injections		0	860.9	area	PASS
Carryover					FAIL

CPSM Final Test Overall Result - FAIL

Signed:

Date:

END OF DATA