

Waters Corporation - Test Record

Part Number: 186015088

Product: L-Class FTN Plus

Operator: 25705598

Start Time: 04/20/2018, 11:00:

Serial Number: D18FNP002G

End Time: 04/20/2018, 14:27:

Test System: TE83064-12

Order: MVT1827A

Test Software: 1.42

Location: GES/Venture,SG

TMD: TMD010476

TMD: TMD010487

Firmware: 1.71.395 (Feb 14 2018 09:30:12)

Name	LSL	Measurement	USL	Unit	Outcome
Electrical Safety Test					PASS
Power-on Initialization					PASS
Fans					PASS
Firmware Download					PASS
Sample Compartment Door & Lights					PASS
Jumper Configuration	133	133			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	159.62	180	Deg	PASS
R Axis Calibration					PASS
R Offset	-3	-0.21	3	mm	PASS
Z Axis Calibration					PASS
Z Offset	-3	-1.3	3	mm	PASS
Needle Seal Calibration					PASS
Needle Seal Position	48	56.86	68	mm	PASS
Needle Seal Force	48	51.73	68	lb/inch	PASS
Zp Offset	-3	1.21	3	mm	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	1	20	Lost Steps	PASS
Z Pierce	-20	3	20	Lost Steps	PASS
R Lost Steps	-20	0	20	Lost Steps	PASS
Sample Cooler Test		-0.7861	-0.6	Deg C/Min	PASS
Test Pressure Transducer	0.45	0.4762	0.55	PSI	PASS
BOS Pump Test					PASS
Methanol Prime					PASS
Sample Syringe Decay	-5	7.8	15	PSI	PASS
Dynamic Leak Test		8	500	nL/min	PASS
Needlewash Prime					PASS
Test Preblank Injections		0	772.3	area	PASS
Carryover		0.01246	0.04	ppm	PASS

Chemistry Precision Area	0	0.1671	0.5	%RSD	PASS
Chemistry Precision Height	0	0.3239	0.9	%RSD	PASS
Chemistry X-Intercept	-0.2	-0.0092	0.2	ul	PASS
Chemistry Linearity (R^2)	0.999	0.999997	1		PASS
Methanol Purge					PASS
Air Purge					PASS
Park Inject Valve					PASS
Home Needle					PASS
Save Serial Number					PASS

CPSM Final Test Overall Result - PASS

Signed: <i>Keli Yuan</i>	Date: 20 APR 18
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END OF DATA