

Waters Corporation - Test Record

Part Number: <u>186017001</u>	Product: <u>ARC FTN Sample Manager</u>
Operator: <u>USANSKM</u>	Start Time: <u>01/07/2021, 12:47:02</u>
Serial Number: <u>M20VSM377N</u>	End Time: <u>01/07/2021, 15:25:16</u>
Test System: <u>TE0084050-4</u>	Order: <u>4704771</u>
Test Software: <u>1.00</u>	Location: <u>NPI, Milford, US</u>

Firmware: 1.71.164

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		128	128		PASS
Test Event Inputs					PASS
Test Event Outputs					PASS
Test SPI Interface					PASS
Test Leak Detectors					PASS
Test Ecord Interface					PASS
Sample Tray Select Switch					PASS
Theta Drive Calibration					PASS
Tray Cal Offset	-180	0	180	Deg	PASS
R Axis Calibration					PASS
R Offset	-3	-0.02	3	mm	PASS
Z Axis Calibration					PASS
Z Offset	-3	-1.3	3	mm	PASS
Zp Offset	-3	0.52	3	mm	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	1	20	Lost Steps	PASS
R Lost Steps	-20	0	20	Lost Steps	PASS
Sample Cooler Test		-1.727	-0.6	Deg C/Min	PASS
BOS Pump Test					PASS
Methanol Prime					PASS
Dynamic Leak Test		28	500	nL/min	PASS
Needlewash Prime					PASS
Check Acquity Stack					PASS
Test Preblank Injections		0	3307	area	PASS
Carryover		0.0038	0.06	ppm	PASS
Chemistry Precision Area	0	0.0591	0.25	%RSD	PASS
Chemistry Precision Height	0	0.2452	0.9	%RSD	PASS
Chemistry X-Intercept	-0.2	0.1144	0.2	ul	PASS
Chemistry Linearity (R^2)	0.999	0.99997	1		PASS
Methanol Purge					PASS
Air Purge					PASS

Park Inject Valve
Home Needle
Save Serial Number

PASS
PASS
PASS

CPSM Final Test Overall Result - PASS

Signed: 	Date: 07 Jan 2021
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END OF DATA