



CERTIFICATE OF CONFORMITY

This certificate is to verify that the instrument referenced below by serial number meets or exceeds all Thermo Scientific functional specification and release requirements.

AS-DV Autosampler

[X] 068888 AS-DV Autosampler

Instrument Serial Number: 14120756

Moduleware Version: 1.6.0

AS-DV FOQ Tests

[x] Chromeleon Communication
[x] Sensor Test
[x] Backpressure Test
[x] Carousel Motion Test

[x] Pressure Tolerance Test
[x] Sampler Delivery Test
[x] Injection Activation Test
[x] Hi-Pot Test

Tester's Signature: _____

Date: 10 DEC 2014

P/N 065305-02

**AS-DV Final Test Report****Passed****Serial Number:** 14120756
Firmware: 1.6.0**Run Date:** 10-Dec-14
Run Time: 12:03

	<u>Max.</u>	<u>Observed</u>	<u>Min.</u>	<u>Observed</u>	<u>Result</u>
Vial Sensors (volts)					
Vial Size Sensor			1.01	3.62	Pass
Vial Adapter Sensor	0.37	0.14	2.00	4.85	Pass
Cap Sample Sensor	0.37	0.16	2.00	4.83	Pass
Adapter Reproducibility (RSD)	40.0%	19.7%			Pass
Needle Arm Sensors (volts)					
Lower Arm Sensor	0.55	0.10	2.00	4.79	Pass
Upper Arm Sensor	0.55	0.04	2.00	4.83	Pass
Carousel Sensors (volts)					
Home Sensor	0.37	0.15	2.00	4.86	Pass
Alignment Sensor	0.70	0.20	2.00	4.83	Pass
Alignment Reproducibility (RSD)	2.0%	0.1%			Pass
Backpressure @ 2.5 mL/min (psi)	40	30			Pass
Pressure Tolerance (psi)			200	247	Pass
Carousel Motion					Pass
Sample Delivery					Pass
Injection Valve Actuation					Pass
Wellness Counters					Pass

Duyen Truong

operator

10 Dec 2014
date