

WATERS CORPORATION - TEST RECORD

Part Number:	186269506	Product:	e Alliance
Operator:	Syed / Chua ^{Teck} Teck Yong	Start Date/Time:	12 APR 2019 / 0827
Serial Number:	D195M 4575A	End Date/Time:	12 APR 2019 / 1430
Test System:	1/2	Order:	NA
Test Software:	Empower2	Location:	5th floor FLEX

TMD: NA

Firmware: 3.04

Test Name	LSL	Measurement	USL	Unit	Outcome		
Electrical Safety Tests	---	---	---	---	PASS ☒	FAIL ☐	See Event Log ☐
System Initialization	---	---	---	---	PASS ☒	FAIL ☐	See Event Log ☐
Power Supply Fan Test	---	---	---	---	PASS ☒	FAIL ☐	See Event Log ☐
Unit Fan Test	---	---	---	---	PASS ☒	FAIL ☐	See Event Log ☐
Keypad Test	---	---	---	---	PASS ☒	FAIL ☐	See Event Log ☐
Display Test	---	---	---	---	PASS ☒	FAIL ☐	See Event Log ☐
Rear Panel Tests	---	---	---	---	PASS ☒	FAIL ☐	See Event Log ☐
Degasser Test (if equipped)	---	0.5	1.3	PSIA	PASS ☒	FAIL ☐	See Event Log ☐
Spurge Valve Test (if equipped)	---	---	---	---	PASS ☐	FAIL ☐	See Event Log ☐
Heater/Cooler Test (if equipped)	---	---	---	---	PASS ☒	FAIL ☐	See Event Log ☐
Solvent Inlet Plumbing Verification	---	---	---	---	PASS ☒	FAIL ☐	See Event Log ☐
Sealwash Test (if equipped)	---	---	---	---	PASS ☒	FAIL ☐	See Event Log ☐
Needle Wash Test	---	---	---	---	PASS ☒	FAIL ☐	See Event Log ☐
System Leak Test	---	83.50	160	PSI	PASS ☒	FAIL ☐	See Event Log ☐
Injector Adjustment Test	---	---	---	---	PASS ☒	FAIL ☐	See Event Log ☐
Top	38	39	50	Steps			
Width	60	77	90	Steps			
Compression Test	---	35.6	50	PSI	PASS ☒	FAIL ☐	See Event Log ☐
Z-Ram Height Test	---	---	---	---	PASS ☒	FAIL ☐	See Event Log ☐

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It is the user's responsibility user to verify the correct, released revision of this document.

Template 730002013 V04

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Effective from: 30.03.2018 thru: ... WAT271129 TSP 000 35 RELEASE GENERAL

* Correction of wrong entry 11 836410 12 APR 2019

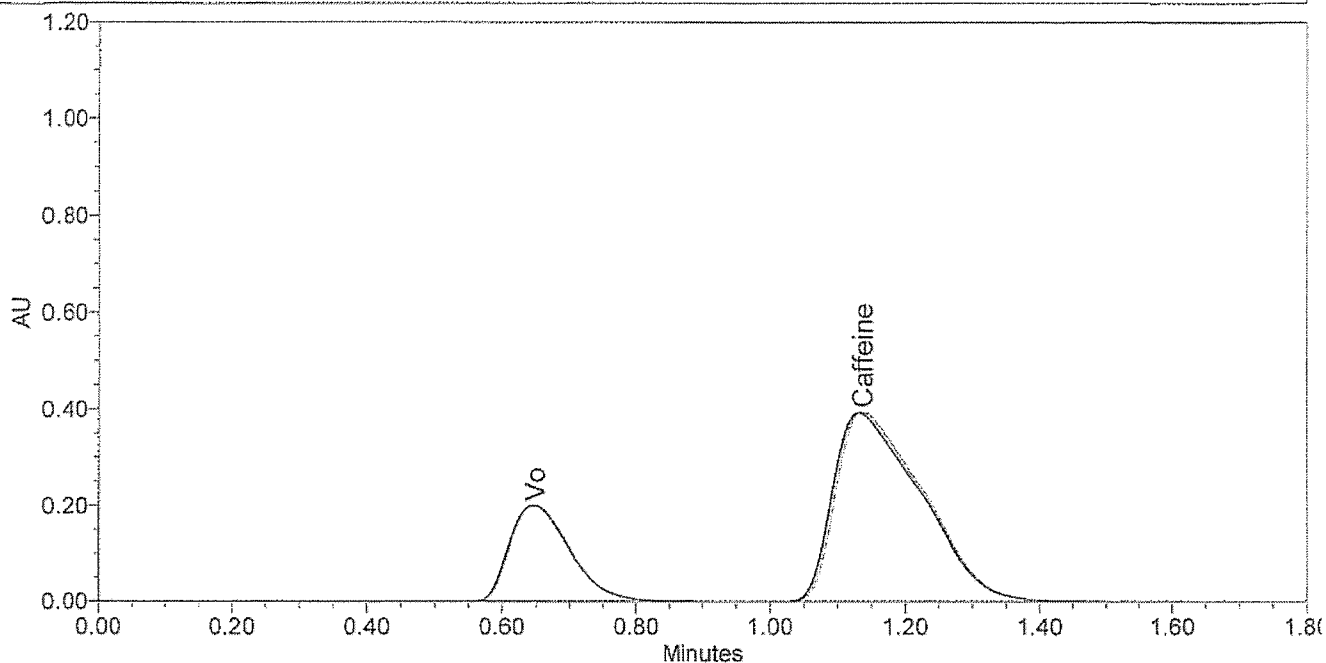
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Part Number: 186269506
 Tested By: CHUA TECK YONG
 Serial Number: D19SM4575A
 UUT Firmware: 3.04

Description: 2695 Separations Module
 Test Template Revision: 1.8
 Test Station: Final-test-1
 System: 2695_2



Component Summary For Retention Time

	Sample	Date	Vo	Caffeine
1	Precision BD	4/12/2019 12:30:36 PM SGT	0.6486	1.1370
2	Precision BD	4/12/2019 12:33:18 PM SGT	0.6483	1.1342
3	Precision BD	4/12/2019 12:36:01 PM SGT	0.6453	1.1304
4	Precision BD	4/12/2019 12:38:43 PM SGT	0.6478	1.1326
5	Precision BD	4/12/2019 12:41:27 PM SGT	0.6467	1.1317
6	Precision BD	4/12/2019 12:44:11 PM SGT	0.6471	1.1320
Std. Dev.			0.0012	0.0023

Component Summary For Area

	Sample	Date	Caffeine
1	Precision BD	4/12/2019 12:30:36 PM SGT	3539485.35
2	Precision BD	4/12/2019 12:33:18 PM SGT	3539592.12
3	Precision BD	4/12/2019 12:36:01 PM SGT	3539392.47
4	Precision BD	4/12/2019 12:38:43 PM SGT	3539750.44
5	Precision BD	4/12/2019 12:41:27 PM SGT	3532920.21
6	Precision BD	4/12/2019 12:44:11 PM SGT	3536107.12
% RSD			0.079

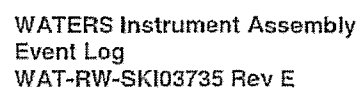
Specifications:
 Retention Time Standard Deviation: <= 0.0090 minutes
 Area % RSD: <= 0.500

This Test Record and any data contained within it are proprietary to Waters Corporation and must be retained by Waters for the time period prescribed in its Quality Records Retention Policy. If any of the individual tests fail, a note must be referenced that details the work performed to correct that specific deficiency. An overall failure indicates a special circumstance in which case a complete retest is to be done. A second form is required to document that testing; the initial form must be attached and retained.

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Event Category:-

- 1.1 Tightening of hardware and fittings
- 1.2 Reseating of connections (cables, PCB tubing, fittings etc.)
- 1.3 Alignments/Adjustments (Door, sensors, optics etc.)
- 1.4 Re-run test due to test equipment/computer issues or because the instrument was not fully equilibrated.
- 1.5 Installation of missing components
- 1.6 Correction of PCB jumper position
- 1.7 Other

Note:

- 1) For Test failures, refer to respective instrument Final test record
2) For Part Replacement, refer to respective instrument Traceability Record

Review:

Resolutions have been taken and unit has passed required testing.

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