

Contact Information

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Comments	

Software Information

Lab Advisor Version	2.23.706	
Installed Lab Advisor Add-ons	Agilent ELSD	1.3.18.0
	Agilent LC/CE	1.0.9593.28489

System Configuration

Instrument Name	Type	Address	Data last updated on
BV08	Agilent LC	192.168.254.11	05/08/2026 13:18:04

	Firmware	Status	Details
G1311A DE70301891 QuatPump	A.06.10 [005]	Idle	
G1329A DE23909753 ALS	A.06.32 [004]	Idle	- Tray (100 x 2 ml) - Metering Parameter (Loop Size 100 µl, Seat Capillary 2,3 µl)
G1316A DE43649571 TCC	A.06.10 [004]	Idle	
G1314A JP43825797 VWD	A.06.50 [004]	Idle	- LAN Card - LAN Settings (IP: 192.168.254.11, SM: 255.255.254.0, GW: 0.0.0.0, MAC: 0030d313e48b, Init Mode: Using Stored, HW Type: G1369A, FW Rev.: A.01.10) - Current LAN Controller: 192.168.254.10 'LAPTOP-8U69KNH9' - Current Instrument Access Point

Test and Calibration Procedure Results

	Description	Date
G1314A	Wavelength Calibration - Done	05/08/2026 13:12:28
JP43825797		
VWD		

Associated Logs

	Description	Date
G1311A	Shutdown (EE 63,0)	05/08/2026 11:32:00
DE70301891	Shutdown(EE 63,0)	05/08/2026 11:32:00
QuatPump	Shutdown (EE 63,0)	04/08/2026 18:13:05
	Shutdown(EE 63,0)	04/08/2026 18:13:05
	Shutdown (EE 63,0)	04/08/2026 17:18:36
	Shutdown(EE 63,0)	04/08/2026 17:18:36
	Shutdown (EE 63,0)	04/08/2026 16:44:14
	Shutdown(EE 63,0)	04/08/2026 16:44:14
	Shutdown (EE 63,0)	04/08/2026 16:31:11
	Shutdown(EE 63,0)	04/08/2026 16:31:11
	Shutdown(EE 63,0)	04/08/2026 16:19:21
	Description	Date
G1329A	Shutdown (EE 63,0)	05/08/2026 11:31:51
DE23909753	Shutdown(EE 63,0)	05/08/2026 11:31:51
ALS	Shutdown (EE 63,0)	04/08/2026 17:18:33
	Shutdown(EE 63,0)	04/08/2026 17:18:33
	Shutdown (EE 63,0)	04/08/2026 16:44:13
	Shutdown(EE 63,0)	04/08/2026 16:44:13
	Shutdown (EE 63,0)	04/08/2026 16:31:09
	Shutdown(EE 63,0)	04/08/2026 16:31:09
	Shutdown(EE 63,0)	04/08/2026 16:19:20
	Shutdown (EE 63,0)	04/08/2026 15:04:34
	Shutdown(EE 63,0)	04/08/2026 15:04:34

	Description	Date
G1316A	Shutdown (EE 63,0)	05/08/2026 11:31:50
DE43649571	Shutdown(EE 63,0)	05/08/2026 11:31:50
TCC	Shutdown (EE 63,0)	04/08/2026 17:18:34
	Shutdown(EE 63,0)	04/08/2026 17:18:34
	Shutdown (EE 63,0)	04/08/2026 16:44:13
	Shutdown(EE 63,0)	04/08/2026 16:44:13
	Shutdown (EE 63,0)	04/08/2026 16:31:09
	Shutdown(EE 63,0)	04/08/2026 16:31:09
	Shutdown(EE 63,0)	04/08/2026 16:19:20
	Shutdown (EE 63,0)	04/08/2026 15:54:26
	Shutdown(EE 63,0)	04/08/2026 15:54:26
	Description	Date
G1314A	Shutdown (EE 63,0)	05/08/2026 11:31:55
JP43825797	Shutdown(EE 63,0)	05/08/2026 11:31:55
VWD	Shutdown (EE 63,0)	04/08/2026 21:42:43
	Shutdown(EE 63,0)	04/08/2026 21:42:43
	Shutdown (EE 63,0)	04/08/2026 17:18:34
	Shutdown(EE 63,0)	04/08/2026 17:18:34
	Shutdown (EE 63,0)	04/08/2026 16:44:13
	Shutdown(EE 63,0)	04/08/2026 16:44:13
	Shutdown (EE 63,0)	04/08/2026 16:31:10
	Shutdown(EE 63,0)	04/08/2026 16:31:10

BV08

Early Maintenance Feedback Counters

	Description	Value	Unit	Limit
G1311A	Liquimeter	568.884	L	0
DE70301891	<i>Last reset: 18/05/2004 11:01:35</i>			
QuatPump	Seal Wear	254617	None	0
	<i>Last reset: 22/05/2007 13:48:45</i>			
	Inlet Valve Switches	20116912	Count	0
	Outlet Valve Switches	20116501	Count	0
	MCG Valve Switches A	14753716	Count	0
	MCG Valve Switches B	12905415	Count	0
	MCG Valve Switches C	984332	Count	0
	MCG Valve Switches D	2352110	Count	0
G1329A	Injection Valve Switches	8	Count	0
DE23909753	<i>Last reset: 11/08/2025 14:17:56</i>			
ALS	Needle Up-and-Down Counter	8	Count	0
	<i>Last reset: 11/08/2025 14:18:00</i>			
G1316A	Valve Switches	519	Count	0
DE43649571				
TCC				
G1314A	Accumulated UV Lamp On-Time	1052.26	h	0
JP43825797	Number of UV Lamp Ignitions	27	Count	0
VWD				

Actual Parameter Settings

	Description	Setting
G1311A DE70301891 QuatPump	Stoptime	Off
	Posttime	Off
	Flow	1.000 ml/min
	Composition (B, C, D)	0.0 %, 0.0 %, 0.0 %
	High Pressure Limit	400.00 bar
	Low Pressure Limit	0.00 bar
	Max. Flow Ramp	100.000 ml/(min*min)
	Stroke	50 µL
	Primary Channel	Auto
G1329A DE23909753 ALS	Stoptime	39.00 min
	Posttime	Off
	Injection Volume	5.00 µL
	Injector Mode	Needle Wash
	Draw Speed	200 µL/min
	Eject Speed	200 µL/min
	Eject Speed	10.0 µL/min
	Draw Position Offset	0.0 mm
	Wash Vial Number	100
	Overlap Injection	Off, 0.00
G1316A DE43649571 TCC	Stoptime	Off
	Posttime	Off
	Temperature Control Mode	Combined
	Temperature (left)	25.00 deg C
	Temperature (right)	Not controlled

G1314A JP43825797 VWD	Stoptime	0.50 min
	Posttime	Off
	Wavelength	254 nm
	UV lamp required	No
	Source Analog Output 1	1
	Offset Analog Output 1	5 %
	Attenuation Analog Output 1	1000 mAU
	Polarity	Positive
	Source Analog Output 2	2
	Offset Analog Output 2	5 %
	Attenuation Analog Output 2	1000 mAU
	Peakdetector Threshold	10.000 mAU
	Prepare Mode (mode, space, gain)	Auto, 100 mAU, 1, 1
	Automatic Prepare (prep line, start, post)	No Prepare, No Prepare, No Prepare
	Peakwidth	0.1 min
	Scan variables (type, from, to, inc)	0, 190 nm, 400 nm, 2 nm

G1311A

Leak Test

Passed

DE70301891
A.06.10[005]
QuatPump

The leak test is a built-in troubleshooting test designed to demonstrate the leak-tightness of the pump. The test should be used when problems with the pump are suspected.

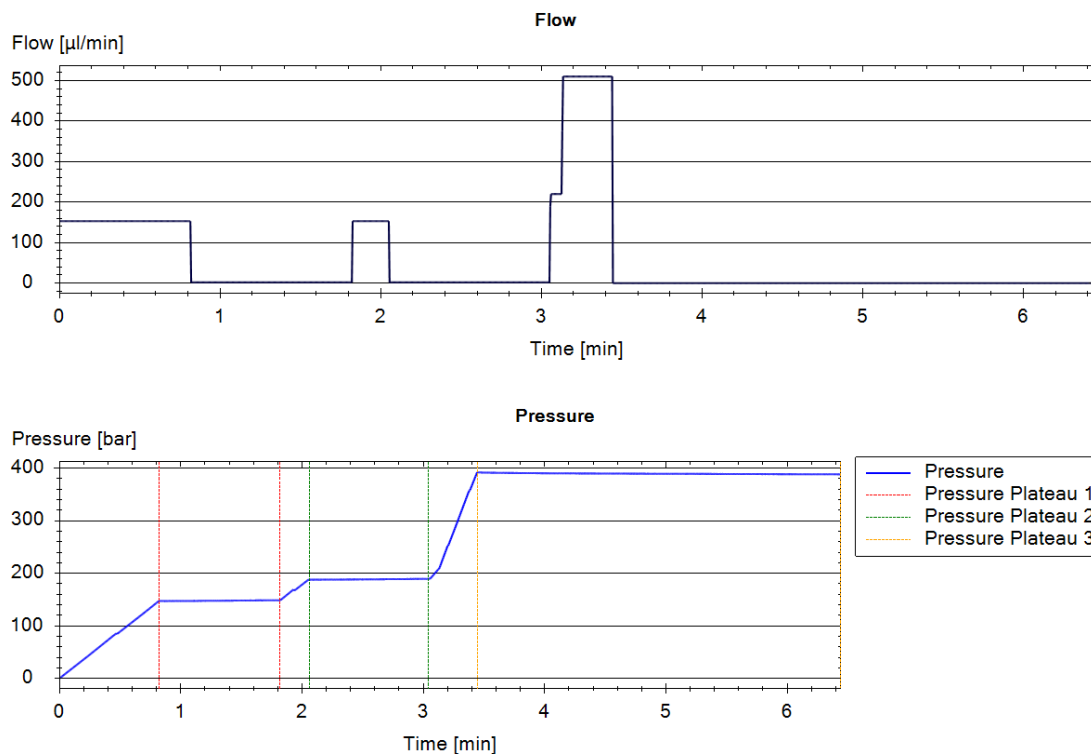
Started at 05/08/2026 14:38:53 by LAPTOP-8U69KNH9\Sven Van Camp on LAPTOP-8U69KNH9 using Agilent Lab Advisor - Version 2.23.706 SR1 - Advanced

Results

Item	Value	Result
Slope of the first plateau	1,71 bar/min	
<i>Minimum slope of the first plateau</i>	0,00 bar/min	Passed
Pressure for the first plateau	147,28 bar	
<i>Minimum pressure for the first plateau</i>	100,0 bar	Passed
Slope of the second plateau	1,69 bar/min	
<i>Minimum slope of the second plateau</i>	0,00 bar/min	Passed
Pressure for the second plateau	187,88 bar	
<i>Minimum pressure for the second plateau</i>	140,0 bar	Passed
Final pressure drop with flow 0	-0,98 bar/min	
<i>Maximum final pressure drop</i>	-2,00 bar/min	Passed
Pressure Value	390,85 bar	
<i>Minimum pressure</i>	385,0 bar	Passed

Finished at 05/08/2026 14:47:49

Signals



Signature:

G1311A

Pressure Test

Passed

DE70301891
A.06.10[005]
QuatPump

The pressure test is a quick, built-in test designed to demonstrate the pressure-tightness of the system. The test should be used when problems with small leaks are suspected, or after maintenance of flow-path components (e.g. pump seals, injection seal) to prove pressure tightness up to 400 bar.

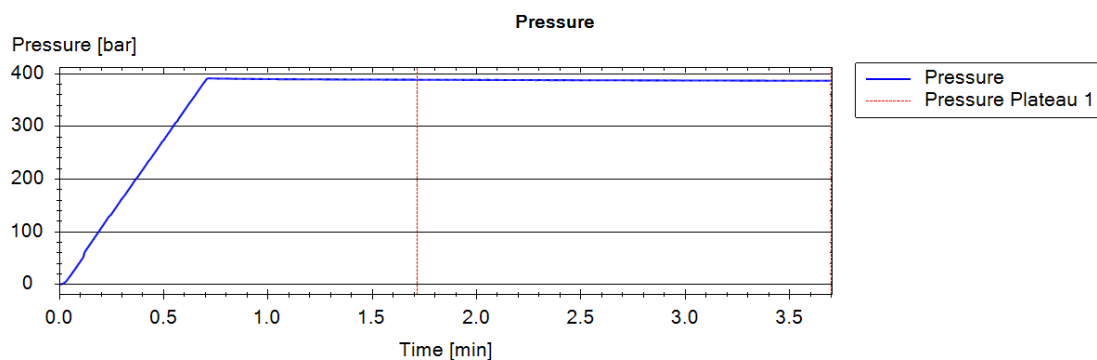
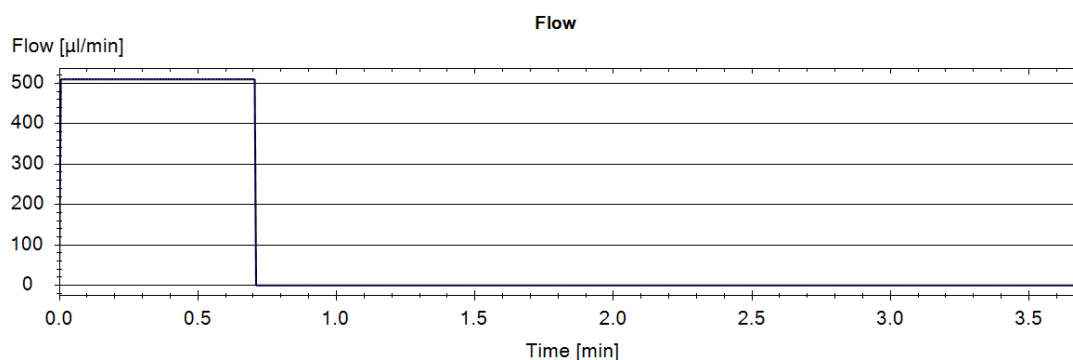
Started at 05/08/2026 14:48:14 by LAPTOP-8U69KNH9\Sven Van Camp on LAPTOP-8U69KNH9 using Agilent Lab Advisor - Version 2.23.706 SR1 - Advanced

Results

Item	Value	Result
Final pressure drop with flow 0	-0,98 bar/min	
Maximum final pressure drop	-2,00 bar/min	Passed
Pressure Value	388,89 bar	
Minimum pressure	385,0 bar	Passed
Slope of initial pressure ramp	567,62 bar/min	
Minimum slope of initial pressure ramp	300,0 bar/min	Passed

Finished at 05/08/2026 14:54:30

Signals



Signature:

G1316A

Thermostat Test

Passed

DE43649571
A.06.10[004]
TCC

Evaluates the cooling and heating performance of the two peltier elements.

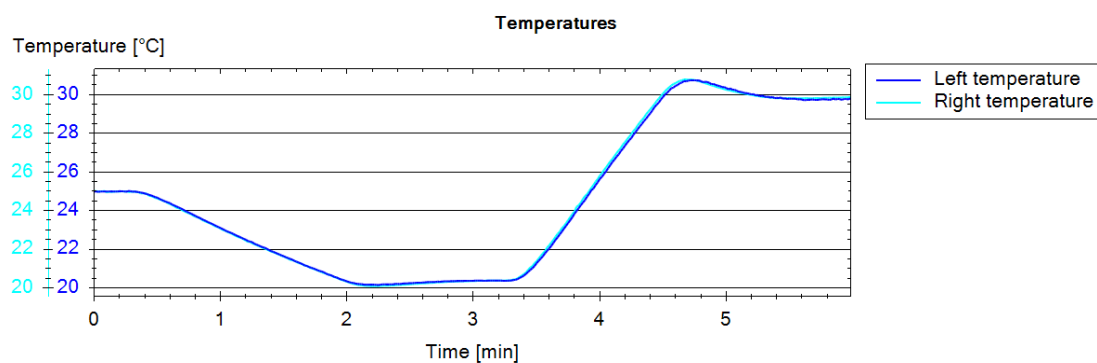
Started at 05/08/2026 13:18:53 by LAPTOP-8U69KNH9\Sven Van Camp on LAPTOP-8U69KNH9 using Agilent Lab Advisor - Version 2.23.706 SR1 - Advanced

Results

Item	Value	Result
Cool rate of right heat exchanger	3,0 °C/min	
<i>Minimum cooling rate</i>	2,0 °C/min	Passed
Heat rate of right heat exchanger	8,8 °C/min	
<i>Minimum heating rate</i>	3,0 °C/min	Passed
Cool rate of left heat exchanger	3,0 °C/min	
<i>Minimum cooling rate</i>	2,0 °C/min	Passed
Heat rate of left heat exchanger	8,8 °C/min	
<i>Minimum heating rate</i>	3,0 °C/min	Passed

Finished at 05/08/2026 13:25:09

Signals



Signature:

G1314A

Dark Current Test

Passed

JP43825797
A.06.50[004]
VWD

The test measures the dark current from the detector optic.

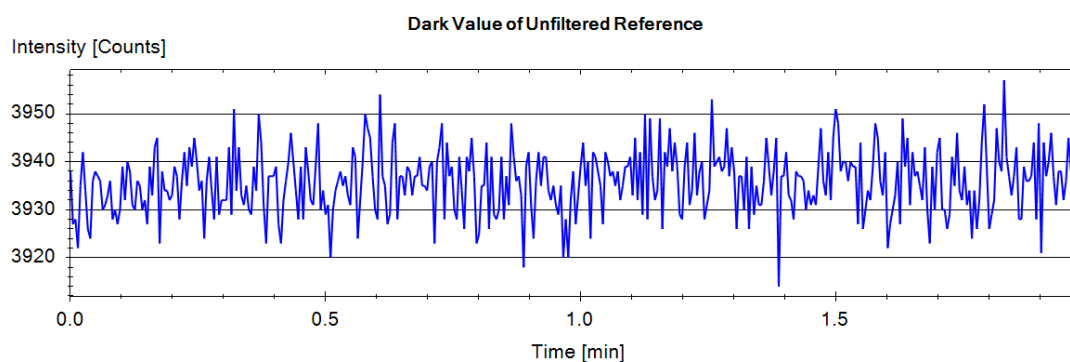
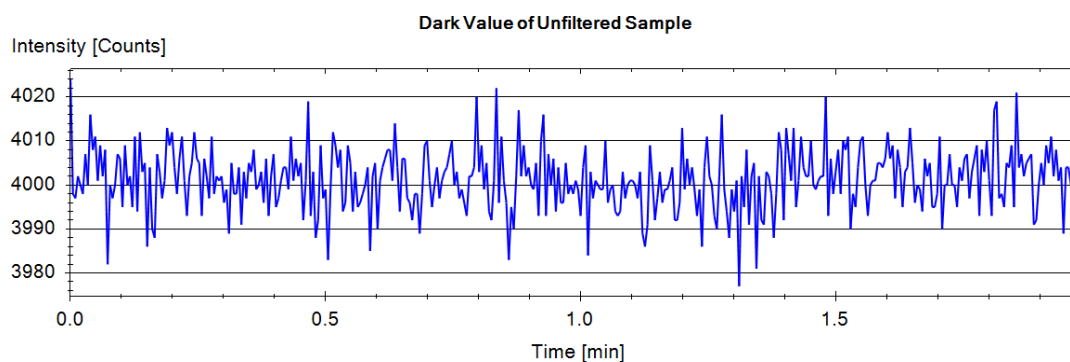
Started at 05/08/2026 13:30:22 by LAPTOP-8U69KNH9\Sven Van Camp on LAPTOP-8U69KNH9 using Agilent Lab Advisor - Version 2.23.706 SR1 - Advanced

Results

Item	Value	Result
Maximum Sample Intensity Measured	4024 counts	
Maximum Sample Intensity	7900 counts	Passed
Maximum Reference Intensity Measured	3957 counts	
Maximum Reference Intensity	7900 counts	Passed

Finished at 05/08/2026 13:35:51

Signals



Signature:

G1314A**Filter/Grating Motor Test****Passed**JP43825797
A.06.50[004]
VWD

The test checks the operation of the filter and grating motor assemblies.

Started at 05/08/2026 13:40:46 by LAPTOP-8U69KNH9\Sven Van Camp on
LAPTOP-8U69KNH9 using Agilent Lab Advisor - Version 2.23.706 SR1 -
Advanced
Finished at 05/08/2026 13:40:53

Signature:

G1314A

Holmium Oxide Test

Passed

JP43825797
A.06.50[004]
VWD

The test measures the Holmium spectrum from the built-in Holmium filter. The spectrum is evaluated for peaks at different wavelengths.

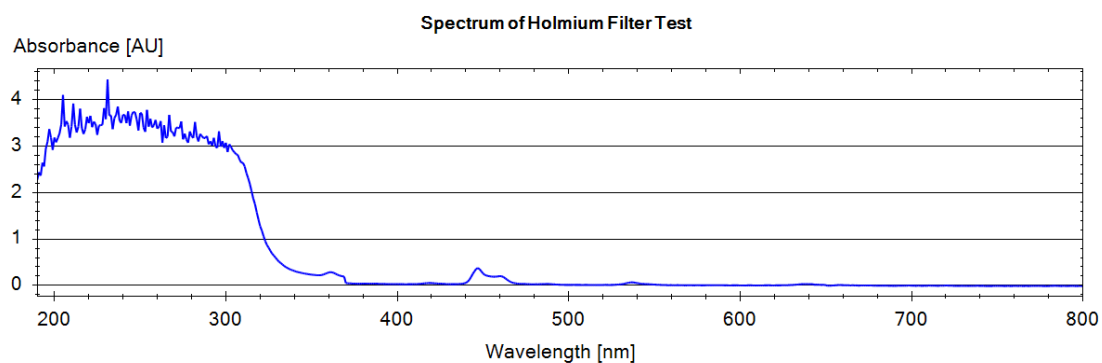
Started at 05/08/2026 13:58:18 by LAPTOP-8U69KNH9\Sven Van Camp on LAPTOP-8U69KNH9 using Agilent Lab Advisor - Version 2.23.706 SR1 - Advanced

Results

Item	Value	Result
Accumulated UV Lamp On-Time	1052,95 h	Done
UV Lamp On-Time	0,02 h	Done
Holmium Deviation to 360.8 nm	0,10 nm	
<i>Holmium Deviation Limit</i>	<i>-1,00 ... 1,00 nm</i>	Passed
Holmium Deviation to 418.5 nm	0,10 nm	
<i>Holmium Deviation Limit</i>	<i>-1,00 ... 1,00 nm</i>	Passed
Holmium Deviation to 536.4 nm	0,30 nm	
<i>Holmium Deviation Limit</i>	<i>-1,00 ... 1,00 nm</i>	Passed

Finished at 05/08/2026 14:01:00

Signals



Signature:

G1314A

Intensity Test

Passed

JP43825797
A.06.50[004]
VWD

The test scans the Intensity spectrum generated by the UV Lamp. Note: Optical components in a UV detector will, depending on age and usage, show degradation, which is caused by the powerful UV light. This is a normal process. Degraded optical components, such as lenses, windows etc. cannot be cleaned and need to be replaced. Replacing the UV lamp will very likely improve the intensity, but when optical degradation takes place, this might not always rectify the situation. At some point, also internal components, such as mirrors, gratings or the diode array need to be replaced. Usually this means replacing the optical unit, as these components are not considered to be service parts.

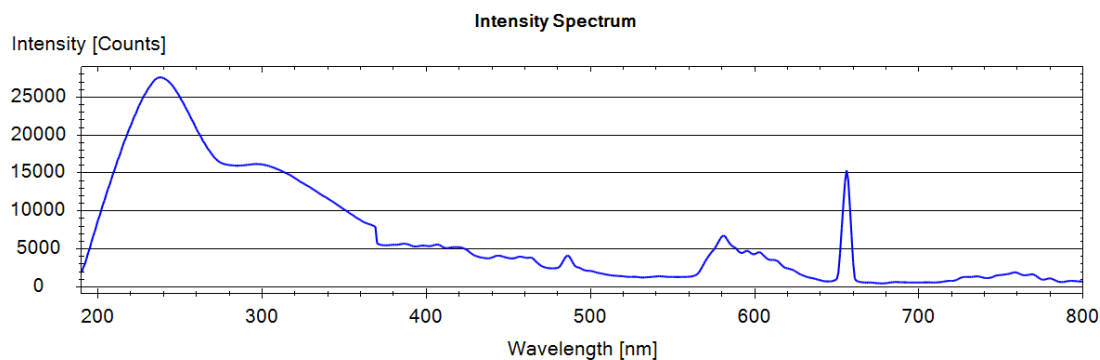
Started at 05/08/2026 14:02:47 by LAPTOP-8U69KNH9\Sven Van Camp on LAPTOP-8U69KNH9 using Agilent Lab Advisor - Version 2.23.706 SR1 - Advanced

Results

Item	Value	Result
Accumulated UV Lamp On-Time	1053,03 h	Done
UV Lamp On-Time	0,10 h	Done
Lowest Intensity	467 counts	
<i>Lowest Intensity Limit</i>	<i>200 counts</i>	Passed
Average Intensity	6620 counts	
<i>Average Intensity Limit</i>	<i>5000 counts</i>	Passed
Highest Intensity	27620 counts	
<i>Highest Intensity Limit</i>	<i>10000 counts</i>	Passed

Finished at 05/08/2026 14:03:15

Signals



Signature:

G1314A

Quick Noise Test

Passed

JP43825797
A.06.50[004]
VWD

The test performs a quick noise evaluation.

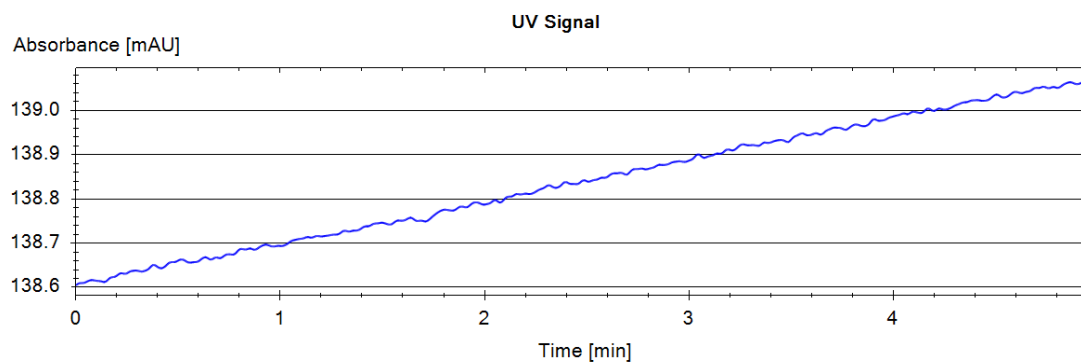
Started at 05/08/2026 14:04:30 by LAPTOP-8U69KNH9\Sven Van Camp on LAPTOP-8U69KNH9 using Agilent Lab Advisor - Version 2.23.706 SR1 - Advanced

Results

Item	Value	Result
Accumulated UV Lamp On-Time	1053,10 h	Done
UV Lamp On-Time	0,17 h	
<i>Minimum Lamp On-Time</i>	0,17 h	Passed
Signal Noise value at 254 nm (UV)	0,017 mAU	
<i>Maximum Allowed Noise</i>	0,00 ... 0,02 mAU	Passed

Finished at 05/08/2026 14:12:16

Signals



Signature:

G1314A

Cell Test

Done

JP43825797
A.06.50[004]
VWD

Calculate the ratio of the sample signal and the reference signal, measured in the zero order of the grating.

Started at 05/08/2026 14:03:48 by LAPTOP-8U69KNH9\Sven Van Camp on LAPTOP-8U69KNH9 using Agilent Lab Advisor - Version 2.23.706 SR1 - Advanced*Results*

Item	Value	Result
Accumulated UV Lamp On-Time	1053,04 h	Done
UV Lamp On-Time	0,11 h	Done
Intensity Sample	13,568 counts	Done
Intensity Reference	11,632 counts	Done
Intensity Ratio	1,17	Done

Finished at 05/08/2026 14:03:56

Signature: